


HARVARD
MEDICAL LIBRARY

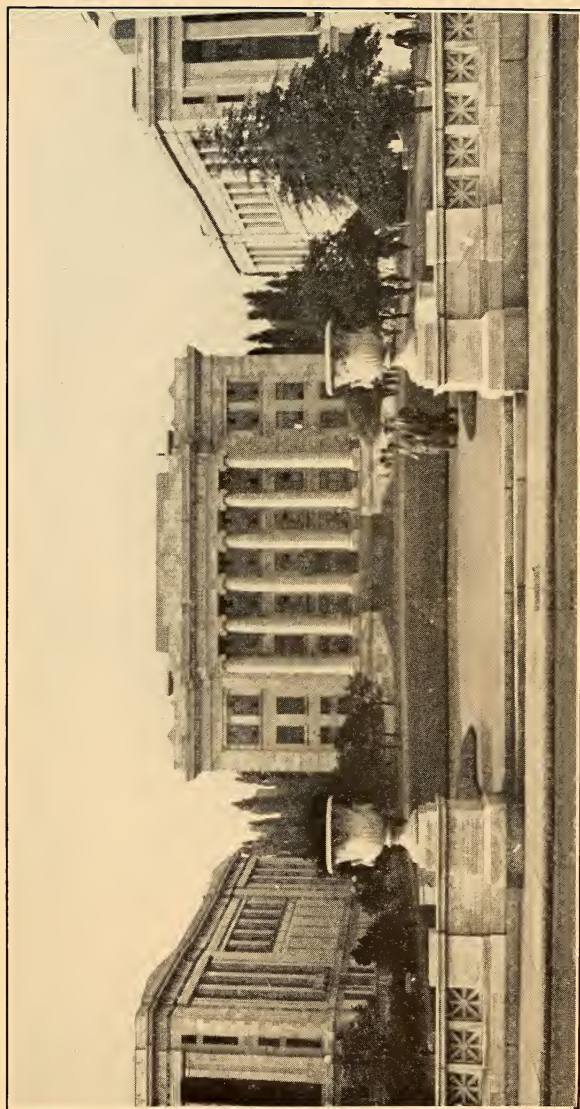


IN THE
Francis A. Countway
Library of Medicine
BOSTON



Digitized by the Internet Archive
in 2012 with funding from
Open Knowledge Commons and Harvard Medical School





HARVARD MEDICAL SCHOOL

ANNOUNCEMENT
OF THE
HARVARD MEDICAL
SCHOOL

25 SHATTUCK STREET
BOSTON • MASSACHUSETTS

WITH AN ANNOUNCEMENT FOR 1939-40



PUBLISHED BY THE UNIVERSITY

NOTE

BECAUSE this catalogue closed for the press in October, 1938, the information it contains is not in every case correct for the entire academic year 1938-1939. In general the descriptive chapters have been revised as of July, and the lists of officers and students as of October.

CONTENTS

	PAGE
MEDICAL SCHOOL CALENDAR	7
PRESIDENT AND FELLOWS OF HARVARD COLLEGE	8
THE BOARD OF OVERSEERS	9
ADMINISTRATIVE OFFICERS	11
ADMINISTRATIVE BOARD	11
HISTORY AND ORGANIZATION	12
BUILDINGS	13
HOSPITAL FACILITIES	13
HOSPITAL APPOINTMENTS	16
LIBRARIES	17
WARREN ANATOMICAL MUSEUM	17
REQUIREMENTS FOR ADMISSION	18
LANGUAGE AND SCIENCE REQUIREMENTS	18
ADMISSION TO ADVANCED STANDING	19
GENERAL REGULATIONS	20
Examinations and Promotion	20
Withdrawal from the School	22
DEGREES	22
STUDENT EMPLOYMENT	24
FEES AND EXPENSES	24
Dormitory	25
Medical Attendance	26
FELLOWSHIPS AND SCHOLARSHIPS	26
LOAN FUNDS	35
LECTURESHIPS	36
CANCER COMMISSION OF HARVARD UNIVERSITY	36
HARVARD INFANTILE PARALYSIS COMMISSION	36
HARVARD EPILEPSY COMMISSION	36
PROCTOR FUND	37
WILLIAM W. WELLINGTON FUND	37
COURSES FOR GRADUATES	37
SCHOOL OF PUBLIC HEALTH	38
TUTORIAL SYSTEM	38
DIVISION OF STUDIES	39
ANNOUNCEMENT OF COURSES	40
Anatomy	40
Physiology	43
Physical Chemistry	44

Biological Chemistry	45
Bacteriology	46
Pathology	47
Comparative Pathology and Tropical Medicine	50
Pharmacology	51
Legal Medicine	51
Medicine	51
Dermatology and Syphilology	58
Diseases of the Nervous System	59
Neurology	61
Neuropathology	61
Psychiatry	62
Ophthalmology	63
Howe Laboratory of Ophthalmology	64
Roentgenology	65
Pediatrics	65
Obstetrics	68
Preventive Medicine and Hygiene	69
Surgery	70
Gynaecology	75
Orthopaedic Surgery	76
Otology and Laryngology	77
PHYSICAL EDUCATION	79
TABULAR VIEW OF COURSES	80
DEGREES CONFERRED IN JUNE, 1938	84
STUDENTS	87
SUMMARY	101
TEACHING STAFF	103
ANNOUNCEMENT FOR 1939-40	109

1938								1939																
JULY								JANUARY								JULY								
SU	MO	TU	W	TH	FR	SA		SU	MO	TU	W	TH	FR	SA		SU	MO	TU	W	TH	FR	SA		
..	..	..	..	..	1	2		1	2	3	4	5	6	7		..	..	..	..	..	..	1		
3	4	5	6	7	8	9		8	9	10	11	12	13	14		2	3	4	5	6	7	8		
10	11	12	13	14	15	16		15	16	17	18	19	20	21		9	10	11	12	13	14	15		
17	18	19	20	21	22	23		22	23	24	25	26	27	28		16	17	18	19	20	21	22		
24	25	26	27	28	29	30		29	30	31	..	..	..	..		23	24	25	26	27	28	29		
31	..	..	..	..	..	..		..	..	..	..	..	..	..		30	31	..	..	..	..	..
AUGUST								FEBRUARY								AUGUST								
..	1	2	3	4	5	6		..	..	..	1	2	3	4		..	..	1	2	3	4	5		
7	8	9	10	11	12	13		5	6	7	8	9	10	11		6	7	8	9	10	11	12		
14	15	16	17	18	19	20		12	13	14	15	16	17	18		13	14	15	16	17	18	19		
21	22	23	24	25	26	27		19	20	21	22	23	24	25		20	21	22	23	24	25	26		
28	29	30	31	..	..	..		26	27	28	..	..	..	..		27	28	29	30	31	..	..
..		
SEPTEMBER								MARCH								SEPTEMBER								
..	..	..	..	1	2	3		..	..	..	1	2	3	4		..	..	..	..	1	2			
4	5	6	7	8	9	10		5	6	7	8	9	10	11		3	4	5	6	7	8	9		
11	12	13	14	15	16	17		12	13	14	15	16	17	18		10	11	12	13	14	15	16		
18	19	20	21	22	23	24		19	20	21	22	23	24	25		17	18	19	20	21	22	23		
25	26	27	28	29	30	..		26	27	28	29	30	31	..		24	25	26	27	28	29	30		
..		
OCTOBER								APRIL								OCTOBER								
..	..	..	..	..	..	1		..	..	..	..	..	..	1		1	2	3	4	5	6	7		
2	3	4	5	6	7	8		2	3	4	5	6	7	8		8	9	10	11	12	13	14		
9	10	11	12	13	14	15		9	10	11	12	13	14	15		15	16	17	18	19	20	21		
16	17	18	19	20	21	22		16	17	18	19	20	21	22		22	23	24	25	26	27	28		
23	24	25	26	27	28	29		23	24	25	26	27	28	29		29	30	31	..	..	..	..
30	31	..	..	..	..	..		30	..	..	..	..	..	..		..	..	..	..	..	..	..
NOVEMBER								MAY								NOVEMBER								
..	..	1	2	3	4	5		..	1	2	3	4	5	6		..	..	..	1	2	3	4		
6	7	8	9	10	11	12		7	8	9	10	11	12	13		5	6	7	8	9	10	11		
13	14	15	16	17	18	19		14	15	16	17	18	19	20		12	13	14	15	16	17	18		
20	21	22	23	24	25	26		21	22	23	24	25	26	27		19	20	21	22	23	24	25		
27	28	29	30	..	..	..		28	29	30	31	..	..	..		26	27	28	29	30	..	..
..		
DECEMBER								JUNE								DECEMBER								
..	..	..	..	1	2	3		..	..	..	..	1	2	3		..	..	..	..	1	2			
4	5	6	7	8	9	10		4	5	6	7	8	9	10		3	4	5	6	7	8	9		
11	12	13	14	15	16	17		11	12	13	14	15	16	17		10	11	12	13	14	15	16		
18	19	20	21	22	23	24		18	19	20	21	22	23	24		17	18	19	20	21	22	23		
25	26	27	28	29	30	31		25	26	27	28	29	30	..		24	25	26	27	28	29	30		
..	..	..	..	..	..	..		..	..	..	..	..	..	..		31	..	..	..	..	..	..

MEDICAL SCHOOL CALENDAR

1938

- Sept. 23, Friday.* Registration of first year students.
- Sept. 26, Monday.* **Academic Year begins.** Registration of second, third, and fourth year students.
- Sept. 28, Wednesday.* Payment of the first instalment of the tuition fee is required on this date.
- Oct. 12, Wednesday.* Columbus Day: a holiday.
- Nov. 11, Friday.* Armistice Day: a holiday.
- Nov. 24, Thursday.* Thanksgiving Day: a holiday.
- Nov. 30, Wednesday.* Payment of the second instalment of the tuition fee is required on or before this date.

RECESS FROM DEC. 23, 1938 TO JAN. 2, 1939, INCLUSIVE

1939

- Jan. 10, Tuesday.* Last day for receiving applications for the Bullard, James Jackson Cabot, and Moseley Travelling Fellowships.
- Jan. 14, Saturday.* Last day for receiving applications for the Cheever, Greene, Haven, and Mears Scholarships.
- Jan. 30, Monday.* Payment of the third instalment of the tuition fee is required on or before this date.
- Jan. 30, Monday.* **Second half-year begins.**
- Feb. 22, Wednesday.* Washington's Birthday: a holiday.

RECESS FROM APRIL 2 TO APRIL 9, INCLUSIVE

- April 19, Wednesday.* Patriots' Day: a holiday.
- April 29, Saturday.* Payment of the fourth instalment of the tuition fee is required on or before this date.
- May 1, Monday.* Last day for receiving applications of candidates for the degree of M.D. in 1939.
- May 15, Monday.* Last day for receiving applications for Scholarships for 1939-40 (except the Cheever, Greene, Haven, and Mears Scholarships).
- May 30, Tuesday.* Memorial Day: a holiday.
- June 22, Thursday.* **Commencement.**

SUMMER VACATION FROM COMMENCEMENT TO SEPTEMBER 24, INCLUSIVE

THE PRESIDENT AND FELLOWS OF HARVARD COLLEGE

This Board is commonly known as the CORPORATION

PRESIDENT

JAMES BRYANT CONANT, A.B., PH.D., LL.D., S.D., L.H.D., D.C.L.
17 Quincy St., Cambridge

FELLOWS

ROGER IRVING LEE, A.B., M.D.	264 Beacon St., Boston
GRENVILLE CLARK, A.B., LL.B.	31 Nassau St., New York, N.Y.
CHARLES ALLERTON COOLIDGE, JR., A.B., LL.B.	50 Federal St., Boston
HENRY JAMES, A.B., LL.B., LL.D.	522 Fifth Ave., New York, N. Y.
HENRY LEE SHATTUCK, A.B., LL.B., LL.D.	50 Federal St., Boston

TREASURER

WILLIAM HENRY CLAFLIN, JR., A.B.	24 Milk St., Boston
----------------------------------	---------------------

SECRETARY TO THE CORPORATION

JEROME DAVIS GREENE, A.B., A.M. 10 University Hall, Cambridge

THE BOARD OF OVERSEERS

The PRESIDENT and the TREASURER of the University, *ex officio*, and the following persons by election: —

1939*

MARK ANTONY DeWOLFE HOWE, A.M., Litt.D.

16 Louisburg Sq., Boston

NATHAN HAYWARD, A.B., S.B. 12 South 12th St., Philadelphia, Pa.

SAMUEL HUNTINGTON WOLCOTT, A.B.

State Street Trust Co., Boston

GASPAR GRISWOLD BACON, A.B., LL.B.

222 Prince St., Jamaica Plain

WALTER LIPPMANN, A.B., LL.D., Litt.D.

230 West 41st St., New York, N. Y.

1940

CHARLES WARREN, A.M., LL.D. 710 Mills Bldg., Washington, D. C.

JAMES MADISON MORTON, Jr., A.M., LL.B.

484 Highland Ave., Fall River

ALBERT FRANCIS BIGELOW, A.B., LL.B. 246 Dudley St., Brookline

CHARLES ELLIOTT PERKINS, A.B.

257 La Arcada Bldg., Santa Barbara, Calif.

SAMUEL CABOT, A.B.

State Street Trust Co., Boston

1941

GEORGE THOMAS MOORE, S.B., Ph.D.

Missouri Botanical Garden, St. Louis, Mo.

WILLIAM RICHARDS CASTLE, A.B., LL.D., D.C.L.

2200 S St., N.W., Washington, D. C.

LEVERETT SALTONSTALL, A.B., LL.B., LL.D.

82 Devonshire St., Boston

* The term expires, in each case, on Commencement Day of the year indicated.

HENRY STURGIS MORGAN, A.B. 2 Wall St., New York, N. Y.
 BLISS PERRY, A.M., L.H.D., Litt.D., LL.D. 5 Clement Circle, Cambridge

1942

AUGUSTUS NOBLE HAND, A.M., LL.B., LL.D.
 U. S. Circuit Court of Appeals, New York, N. Y.
 ELLERY SEDGWICK, A.B., Litt.D. 8 Arlington St., Boston
 ROBERT HAYDOCK HALLOWELL, A.B. 60 State St., Boston
 CHANNING FROTHINGHAM, A.B., M.D.
 Faulkner Hospital, Jamaica Plain
 GEORGE HAROLD EDGELL, A.B., Ph.D.
 Museum of Fine Arts, Boston

1943

JULIAN WILLIAM MACK, LL.B.
 2302 U. S. Court House, New York, N. Y.
 CHARLES FRANCIS ADAMS, A.B., LL.B., LL.D. 15 State St., Boston
 JAMES DE WOLF PERRY, A.B., S.T.D., D.D., LL.D.
 Bishop's House, Providence, R. I.
 JOHN STEWART BRYAN, A.M., LL.B., Litt.D., LL.D.
 College of William and Mary, Williamsburg, Va.
 GEORGE PEABODY GARDNER, JR., A.B. 10 Post Office Square, Boston

1944

GEORGE RUBLEE, A.B., LL.B., LL.D.
 Union Trust Bldg., Washington, D. C.
 LANGDON PARKER MARVIN, A.M., LL.B. 48 Wall St., New York, N. Y.
 ROBERT FROST, A.M., L.H.D., Litt.D. Amherst
 HENRY PARKMAN, JR., A.M. 82 Devonshire St., Boston
 LLOYD KIRKHAM GARRISON, A.B., LL.B.
 Law School, University of Wisconsin, Madison, Wis.

 SECRETARY OF THE BOARD OF OVERSEERS

WINTHROP HOWLAND WADE, A.M., LL.B. 50 Congress St., Boston

ADMINISTRATIVE OFFICERS OF THE MEDICAL SCHOOL

President: JAMES B. CONANT, A.B., PH.D., LL.D., S.D., L.H.D., D.C.L.
Office, 5 University Hall, Cambridge.

Dean: C. SIDNEY BURWELL, M.D., LL.D.
Office, Administration Building, Medical School. Office hours by appointment.

Assistant Dean: WORTH HALE, M.D.
Office, Administration Building, Medical School. Office hours, Monday, Tuesday, Wednesday, and Friday, 3.30 to 4.30 P.M., and by appointment.

Assistant to the Dean: MARSHALL N. FULTON, M.D.
Office, Administration Building, Medical School. Office hours by appointment.

Secretary: Mrs. Florence I. Honeij, A.M.
Office, Room 101, Administration Building, Medical School.

Chairman of the Division of Medical Sciences of the Faculty of Arts and Sciences: EDWIN J. COHN, PH.D., Harvard Medical School. Office hours by appointment.

Physician to Students: EUGENE C. EPPINGER, M.D.
Office hours, daily, except Saturdays and holidays, 8 to 9 A.M., and 3.30 to 6 P.M., Room 103, Administration Building, Harvard Medical School.
Telephone, Longwood 2380.

The Bursar's Office is in Lehman Hall, Cambridge. It is open on all business days from 9 A.M. to 5 P.M., except Saturdays, when it is open from 9 A.M. to 1 P.M. for the receipt of fees, payments, and other financial business.

ADMINISTRATIVE BOARD

PRESIDENT, JAMES B. CONANT, A.B., PH.D., LL.D., S.D., L.H.D., D.C.L. (*ex officio*).

DEAN, C. SIDNEY BURWELL, M.D., LL.D. (*ex officio*), *Chairman*.

WORTH HALE, M.D., *Assistant Dean and Associate Professor of Pharmacology*.

S. BURT WOLBACH, M.D., *Shattuck Professor of Pathological Anatomy*.

KENNETH D. BLACKFAN, M.D., *Thomas Morgan Rotch Professor of Pediatrics*.

JAMES L. GAMBLE, M.D., S.M., *Professor of Pediatrics*.

JAMES H. MEANS, M.D., *Jackson Professor of Clinical Medicine*.

ELLIOTT C. CUTLER, M.D., *Moseley Professor of Surgery*.

THOMAS R. GOETHALS, M.D., *Assistant Professor of Obstetrics*.

GEORGE B. WISLOCKI, M.D., *Parkman Professor of Anatomy*.

EDWIN J. COHN, PH.D., *Professor of Biological Chemistry*.

TRACY J. PUTNAM, M.D., *Professor of Neurology*.

EDWARD D. CHURCHILL, M.D., *John Homans Professor of Surgery*.

A. BAIRD HASTINGS, PH.D., *Hamilton Kuhn Professor of Biological Chemistry*.

OTTO KRAYER, M.D., *Associate Professor of Pharmacology*.

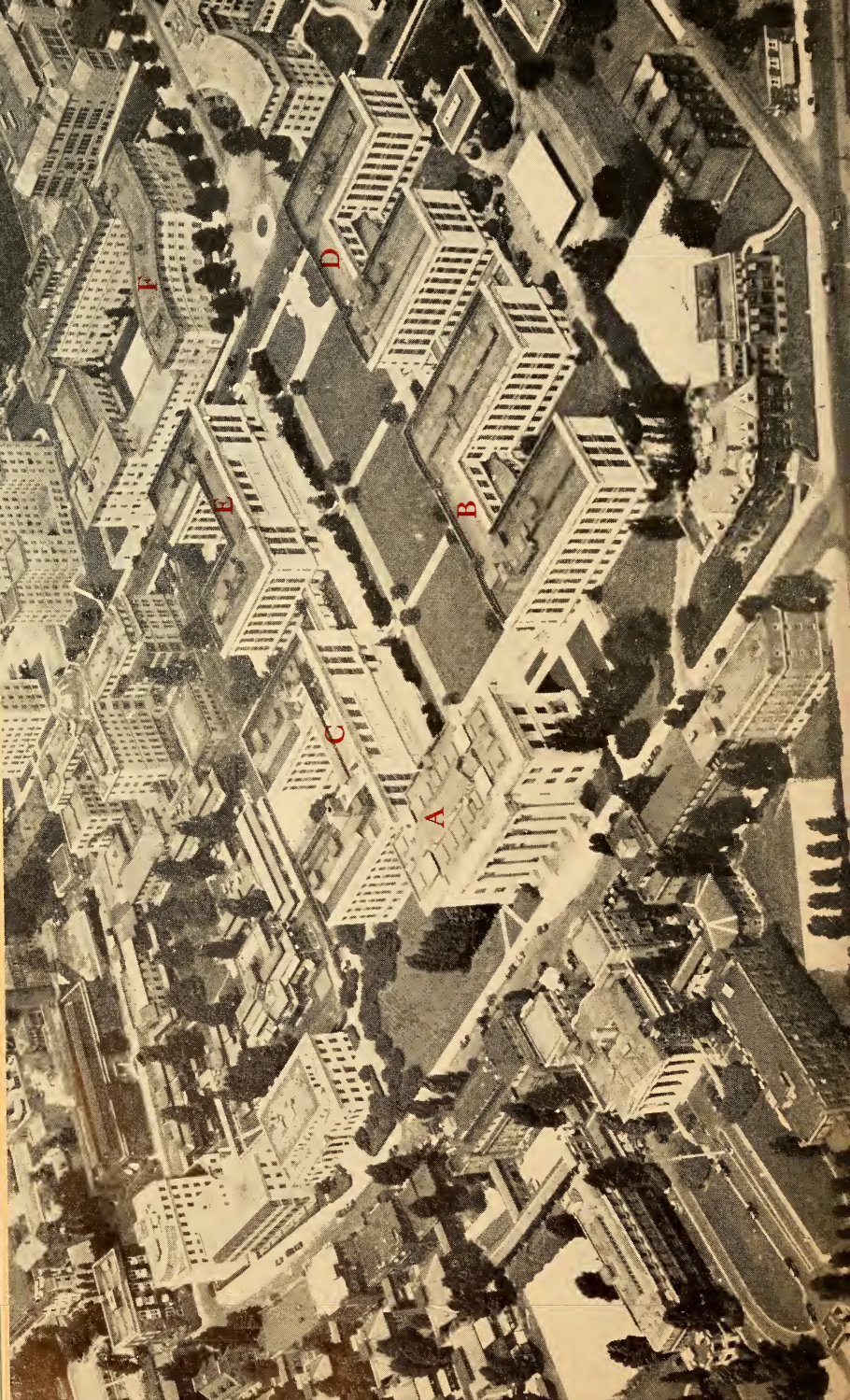
HARVARD MEDICAL SCHOOL BOSTON

HISTORY AND ORGANIZATION

The Harvard Medical School started as a branch of the University in 1782, when three professorships of medicine were established. The first degrees, Bachelor of Medicine, were conferred in 1788. Until 1811 the degrees of Bachelor of Medicine and Doctor of Medicine were conferred, the former on graduation from the Medical School, the latter on examination at least seven years after graduation. In 1811 the degree of Doctor of Medicine was granted to graduates of that year and to earlier graduates who had not been admitted to it, and all graduates since 1811 have received this degree. From 1911 to 1921, inclusive, the degree of Doctor of Public Health was conferred for graduate work. Since 1921 the degrees of Bachelor of Public Health, Master of Public Health and Doctor of Public Health have been conferred under the School of Public Health.

When the Medical School opened, the first lectures were given in the buildings of the College, Harvard Hall and Holden Chapel. The School moved to Boston in 1810, in order to be close to whatever hospital facilities might develop in a large and growing city, and has remained there since. In 1816 the first Medical School building was erected. From 1882 until 1906 the School occupied the building at the corner of Boylston and Exeter Streets now used by Boston University. In September 1906, the School moved into its present buildings on Longwood Avenue. They are five in number and with their surrounding grounds occupy eleven acres. One of these is designed for administration and four for housing the laboratory departments, and for laboratory and clinical instruction.

Previous to 1906, the major part of the clinical teaching was carried on in the Massachusetts General and Boston City Hospitals. Since that date, however, there have grown up in the neighborhood of the Medical School, and become affiliated with it, a group of hospitals which are used for clinical teaching and investigation, in addition to the clinical facilities previously at the School's disposal. Clinical advantages from the students' viewpoint are not a matter of large hospitals only, but rather are related to the number of patients in these hospitals who are under the care of instructors on the staff of the Medical School and available for teaching purposes. Harvard Medical School students are offered an unrivaled opportunity to secure a well-organized clinical experience and knowledge of disease. Each student comes into intimate contact, under supervision, with patients in these hospitals, beginning in the second half of the second year and increasing until the fourth year, when the students serve as clinical clerks and give their whole time to the study of patients.



BUILDINGS

The Administration Building (A), with over 40,000 square feet of floor space, contains the Faculty Room, the Dean's offices, the joint library of the Medical School and the School of Public Health, and the Warren Museum.

The laboratory buildings, designated by the letters B, C, D, and E, are all constructed on the same general plan. Each consists of two parallel wings united at the front by an amphitheatre with a seating capacity of two hundred and fifty. Both the smaller rooms and the laboratories are designed on a unit system which greatly simplifies the changes required in making these suited to the needs of departments whose methods of teaching have changed since the rooms were originally designed.

The amount of floor space varies considerably in each of the four buildings, but the design is such that this variation is not apparent from the main quadrangle.

Building B accommodates the department of Anatomy, Histology, and Embryology. The wings each have three floors and a total floor space of over 52,000 square feet.

Building C provides space for the departments of Physiology, Physical Chemistry, Biochemistry, and Experimental Surgery. In this building each wing has four floors and a total floor space of 62,000 square feet.

Building D is occupied by the departments of Bacteriology, Pathology, and Preventive Medicine and Hygiene. In this building there are five floors in one wing and three floors in the other, with a total floor space of over 48,000 square feet. The Animal House is between buildings B and D.

Building E houses Pharmacology, Legal Medicine, and Comparative Pathology and Tropical Medicine. There are three floors in one wing and four floors in the other, with a floor space of 35,000 square feet.

An airplane view of the buildings and their position is shown on facing page.

The clinical departments are housed in the various hospitals associated with the School. Vanderbilt Hall (F), the dormitory for medical students, is immediately adjacent to the Medical School buildings.

HOSPITAL FACILITIES

The Massachusetts General Hospital. — This is a general hospital associated with the Medical School since its foundation in 1821. There are services in Medicine, Surgery, Pediatrics, Dermatology, Genito-Urinary Diseases, Orthopaedics, Neurology, Psychiatry, and Syphilis, all of which are used in giving instruction in these special departments of medicine. The hospital has 737 beds, 392 of them being available for teaching purposes. In the General Hospital 7,784 patients were admitted in 1937, and there were 132,272 patients' days treatment. Large out-patient departments are also used for instruction in the above clinical subjects. 33,669 new patients were admitted to the out-patient depart-

ment last year for a total of 299,656 visits. 14,784 patients were treated in the Emergency Ward. Laboratories in Pathology, Chemistry, Metabolism, Medical and Surgical Research, and X-ray are maintained, and there is an excellent medical library, all of which are open to students in the Medical School.

The Massachusetts Eye and Ear Infirmary. — There are 231 beds in this hospital, 189 of which are used for instruction in diseases of the eye, ear, nose and throat. In 1937, 5,773 patients were treated in the wards, and there were 42,880 patients' days treatment. Last year there were 101,403 out-patient visits. There were 2,765 patients treated in the Emergency Ward. Pathological and X-ray laboratories are maintained.

The Boston City Hospital. — This hospital which, in all its divisions, contains 2,614 beds (including 148 bassinets and 211 cribs), 1,653 of which are in the main hospital and all of which are available for teaching purposes, serves as one of the teaching units for the Medical School. During 1937, the number of beds was increased by 300, upon the opening of the new Dowling Building. The 2d and 4th Medical services, the 5th Surgical, the Neurological and Pathological services are under the direction of Professors at the Harvard Medical School. In addition there are divisions of Gynaecology, Obstetrics, etc., open to the medical students. In the out-patient department 131,701 patients applied for diagnosis and treatment during the year 1937. They furnish additional teaching material. Postgraduate teaching is also carried on. Clinical laboratories are maintained for research in pathology, nephritis, diabetes, basal metabolism, blood, immunology, neurology, and surgery. The Thorndike Laboratory is the medical research department. A department for surgical research was opened in 1930. There are neurosurgical, pediatric, urological and orthopaedic services. The X-ray service is very large and important. Instruction to medical students is given here daily. There is an excellent library, including 157 current medical journals. There is a House Officers' Residence, a brick building of seven stories and basement. The building includes sun rooms, lounges, swimming pool, squash courts, etc., for recreation.

The Peter Bent Brigham Hospital. — This hospital has been closely associated with the Medical School since its dedication in 1913. It is for general medical and surgical cases, and is situated on grounds adjacent to the Medical School buildings. There are 250 beds, all of which are used for teaching purposes. There is also maintained an out-patient service for ambulatory medical and surgical patients to which 6,582 new patients applied during the past year. The total number of visits was 81,175. There are well-equipped medical, surgical, and pathological laboratories. The hospital, by special arrangement, makes use of the library of the Medical School.

The Beth Israel Hospital. — This is a general hospital with a capacity of 220 beds (including 15 pediatric beds), 120 of which are available for teaching. The institution is located on Brookline Avenue around the corner from the Harvard

Medical School. The Hospital is equipped for teaching and research, having laboratories for research in surgery, medicine, and pathology, each under the direction of a full-time physician who is associated with the Faculty of the Harvard Medical School. There are also electrocardiograph and basal-metabolism laboratories, animal research equipment, and an extensive X-ray department. 6,133 patients were admitted to the hospital last year and spent 65,252 patients' days in the institution. There were 4,481 new patients admitted to the out-patient department during the year and a total of 64,888 visits made.

The Children's Hospital. — Located on Longwood Avenue adjacent to the Medical School. A specialized hospital for the care of sick children up to twelve years of age. The hospital maintains medical, surgical, and orthopaedic services with their associated branches, neurological, contagious, nose and throat, physiotherapy and scoliosis departments. There are 280 beds of which 214 are available for teaching. During the year there were 5,591 cases treated in the wards, and 61,419 in the out patient department. Pathological, Bacteriological and Chemical Laboratories are provided for the study of material from the wards and out-patient service.

The Infants' Hospital (Thomas Morgan Rotch Jr. Memorial Hospital for Infants). — This hospital is adjacent to and under the Children's Hospital. There are 35 beds which are devoted to the care of infants, in addition to ten bassinets which are reserved for premature infants. 839 were treated during the year. All of the cases in this hospital are available for teaching.

The Boston Lying-in Hospital. — This hospital occupies a building completed in 1923 at 221 Longwood Avenue. Of the 150 beds, 132 are used for teaching. During the past year 3,219 patients received treatment in the hospital, of whom 2,648 were delivered. In addition, in the out-patient department, 798 cases were attended under supervision by third and fourth year students. Chemical, pathological, and bacteriological laboratories and a well-equipped X-ray department are available for research.

The Free Hospital for Women. — This hospital is devoted exclusively to the surgical treatment of diseases peculiar to women. The hospital has a capacity of 97 beds, of which 65 are available for teaching. In the out-patient department there are about 12,000 consultations yearly. Library and laboratory facilities are available.

Boston Psychopathic Hospital. — This is a state institution for acute, curable, incipient, and doubtful cases of mental disease. The hospital was opened to patients in June, 1912. It has 110 beds, all of which are available for teaching, and receives patients at the rate of about 2,000 a year. The hospital is equipped with psychological, neuropathological and biochemical laboratories. The out-patient department receives patients at the rate of about 1,000 a year. In addition to the psychoses and neuroses, the clinical material includes cases of mental defect and disorder in childhood, and of delinquency.

The Collis P. Huntington Memorial Hospital and the J. Collins Warren Laboratory. — This hospital and laboratory of the Cancer Commission of Harvard University afford opportunity for the study of human tumor cases. The aim of the hospital is to study special problems concerning the natural history and the treatment of tumors. It affords a means for early diagnosis, treatment, or advice regarding therapeutic measures. There are 22 beds, all of which are available for teaching purposes; out-patients are received at stated hours. During the past year, 1,551 new patients were treated in the house and out-patient department.

House of the Good Samaritan. — This hospital is situated at 25 Binney Street, Boston, adjacent to the Medical School. There are 80 beds devoted to the care and study of rheumatic heart disease. 143 patients were admitted in 1937. The hospital has a research department for the study of rheumatic fever and heart disease. All beds are available for teaching.

New England Deaconess Hospital. — 315 beds. Includes George F. Baker Clinic and Palmer Memorial Unit. George F. Baker Clinic is especially equipped for diabetics and study of the disease. Palmer Memorial is devoted to cancer and chronic disease; has two grams of radium, a large emanation plant, a new 400,000 volt X-ray therapy machine and social service and out-patient departments. It also has efficient laboratories — chemical, pathological, and research.

The Middlesex County Sanatorium, 775 Trapelo Rd., Waltham, Mass. — This institution was established in 1931 for the control of tuberculosis in Middlesex County. Patients in all stages of pulmonary tuberculosis are admitted. There are 400 beds available for teaching purposes. Complete X-ray and laboratory facilities are maintained; ultra violet light and other special forms of treatment are available. A new surgical wing, opened in the spring of 1937, provides complete equipment for general and thoracic surgery, which includes a separate endoscopic room for the operations of internal pneumolysis and bronchoscopy. A large number of ambulatory patients are treated in the out-patient department. A special feature of the sanatorium is the diagnostic service rendered to physicians where cases of any suspected lung disease as well as contact cases of pulmonary tuberculosis may be referred for examination and laboratory study. These diagnostic clinics are conducted by members of the staff at several centers within the county. The clinic at the sanatorium is used for teaching purposes.

HOSPITAL APPOINTMENTS

An active service is maintained to aid graduates in securing suitable hospital appointments as internes. Boston hospitals affiliated with the School make about eighty such appointments each year.

LIBRARIES

The joint library of the Medical School and the School of Public Health is on the second floor of the Administration Building, and in the other buildings are branch libraries. By an arrangement with the Peter Bent Brigham Hospital, library facilities for the hospital are available. This library is open from 9 A.M. until 10 P.M., on Saturdays from 9 A.M. until 5 P.M., and on Sundays from 2 P.M. until 6 P.M. During the summer vacation, the Library is open on week days from 9 A.M. until 10 P.M., on Saturdays from 9 A.M. until 12 M., and on Sundays is closed throughout the day. The present number of volumes in the library is 67,084 and in addition there are 188,875 pamphlets and 544 current periodicals kept on file.

The George Burgess Magrath Library of Legal Medicine contains a collection of approximately 1,800 bound volumes, 340 pamphlets, and 7 current periodical titles. It is located on the third floor of Building E.

The Lucien Howe Library of Ophthalmology, at the Massachusetts Eye and Ear Infirmary, has 2,605 bound volumes, 2,388 pamphlets and 40 current periodicals.

The College Library at Cambridge is open to the students of this School.

The Boston Public Library is open to students who are residents of Boston. Students, not residents of Boston, who have filed a bond at the Bursar's office, may also use this library. The Bursar will furnish on application the necessary certificate of bond.

The Boston Medical Library, No. 8 The Fenway, contains about 177,783 bound volumes and 118,427 pamphlets, and approximately 907 current periodicals are on file. This very valuable library is open to those who desire to consult medical literature, on week days from 9.30 A.M. to 6 P.M., and on Monday and Wednesday, to 10 P.M.

WARREN ANATOMICAL MUSEUM

The Warren Anatomical Museum was founded in 1847 by JOHN COLLINS WARREN, of the College Class of 1797, Adjunct Professor of Anatomy and Surgery from 1809 to 1815, Hersey Professor of Anatomy and Surgery from 1815 to 1847, Professor *Emeritus* from 1847 to his death in 1856, son of JOHN WARREN, the first Hersey Professor of Anatomy and Surgery. This important Museum is open to students in the School, and its collections are used in demonstration of the lectures. It occupies the upper three floors of the Administration Building. Myrtelle M. Canavan, M.D., is Curator.

The collection has over twenty thousand specimens, illustrating both normal and pathological anatomy. Students and graduates may have access to these specimens, during Museum hours, upon application to the Curator, Myrtelle M. Canavan, M.D.

Besides dissections and serial sections of bones, the anatomical collection

includes many injections, corrosion preparations, models and groups of bones, notably the Dwight collection of spines, hands and feet, and the Tello collection of skulls. A section of neuropathology is growing larger and is suitable for teaching.

The pathological collection of "hand" specimens, conveniently housed in 40-gallon tanks, is for the use of students, and mounted specimens illustrate the major diseases.

There is a collection of medico-legal material which has a section to itself and forms a basis for teaching.

The American Ambulance of Paris has contributed a number of specimens from the European War, especially interesting for a student of military surgery.

REQUIREMENTS FOR ADMISSION

All candidates must present evidence satisfactory to the Committee on Admission not simply that they have passed the courses necessary to fulfil the requirements, but also that their scholarship and their general qualifications for medicine are of such character as to give promise of work of high quality in the medical course.

On the above basis this School considers, for admission to its classes, graduates in arts or in science of *approved* colleges.

In exceptional cases applicants without a degree who have completed two or more years of work in a college of high rank, provided they present certificates that they have scholastic standing placing them in the first third of their class, may be admitted.

Credentials from foreign universities, in most cases, must be supplemented by a year or more of work in an American university. Admission cannot be assured as all classes are limited.

LANGUAGE AND SCIENCE REQUIREMENTS *

(a) All applicants must present evidence that they have such knowledge of English as is ordinarily required of all candidates for a degree in an approved college. They must have a reading knowledge of French or of German, ordinarily two years of college work being required.

(b) They must present evidence that they have *college credits* for at least a year's work in general inorganic chemistry, in physics, in biology, and in organic chemistry.

To meet the science requirements satisfactorily, time credit in college should be secured as follows:

Inorganic Chemistry: A minimum of eight semester hours, † of which at least four should be laboratory work.

* It is assumed that before admission to an acceptable college a four years' course in High School or its equivalent will have been completed.

† A semester hour is one hour of lecture or recitation, or two hours of laboratory work, per week, for one half-year or sixteen weeks. Full courses at Harvard count as eight semester hours.

Organic Chemistry: A minimum of eight semester hours, of which at least four should be laboratory work.

Physics: A minimum of eight semester hours, of which at least two should be laboratory work.

Biology: A minimum of eight semester hours (including not less than four hours of zoölogy), of which at least four should be laboratory work.

(c) They must have taken the Aptitude Test of the Association of American Medical Colleges.

These requirements must be satisfied in full before matriculation.

In addition to these specific requirements, the following recommendations are made in order to guide students intending to study medicine in the selection of their college courses in the sciences:

The preparation of the student in chemistry may well include knowledge of the physical chemistry of solutions and experience in quantitative technique, particularly volumetric analysis. The latter may be part of the laboratory work in connection with the instruction in physical chemistry. If the course in inorganic chemistry which is offered for admission does not include adequate instruction in the physical chemistry of solutions and in quantitative technique, courses in these subjects are desirable, although they are not required.

The preparation in biology should include, if possible, some training in vertebrate embryology. In general, credit will not be given for courses in physiology, histology, bacteriology, neurology, and other subjects similarly considered in the medical curriculum. Students are not advised to take such courses as a part of their preparation for the work in the Medical School.

Applications for the first year class should be filed as early as October and be completed not later than March 1, on blanks furnished by the Assistant Dean. Selection of applicants will be completed by March 15. One hundred and twenty-five men from about eight hundred applicants will be accepted.

ADMISSION TO ADVANCED STANDING

By increasing the third year class to one hundred and thirty-five men, a few places are usually available for transfers from other medical schools. In exceptional cases men may be admitted to the second and fourth year classes. They must be vouched for as promising men by the Dean or by some other responsible officer of the School from which they come and must furnish a certificate showing time spent in medical study at least equal to that spent by the class to which they seek admission.

Only men of high scholastic standing will be considered. Full credit for work done elsewhere will be allowed as a rule, but in certain cases additional work, especially in clinical pathology and in physical diagnosis, will be required.

Applications may be obtained at the Dean's office after October 1 and must be completed before February 1.

GENERAL REGULATIONS

First year students will register in the amphitheatre in Building C, on the Friday preceding the last Wednesday in September, at 10 A.M.

A brief thesis, for which 50 hours credit is given toward graduation, is required of all matriculants as part of their necessary work. The thesis must be handed in not later than May 15 of the student's first year.

In order that the time of study shall count as a full year, students of all upper classes must register on Monday, the first day of the session:

<i>Fourth Year</i>	. . . . .	9.15 A.M.
<i>Second Year</i>	. . . . .	10.15 A.M.
<i>Third Year</i>	. . . . .	11.15 A.M.

For special and approved purposes students may be allowed to take a portion of their work elsewhere than at the Harvard Medical School, provided the application be approved by the Dean in consultation with the Administrative Board and the head of the department concerned, and provided the student passes an examination on this work after its completion, conducted by a member of the Faculty of the Harvard Medical School.

EXAMINATIONS AND PROMOTION

Promotion from one class to another is dependent upon the satisfactory completion of the work of each year. Grades will be given in each course based upon examinations or other tests as determined by each department. Grading is on the scale of A, B, C, D and E (E denoting failure), but aside from partial tests during the course, no marks may be given to the student until after the Promotion Board has acted and then only as Satisfactory, D, or Failure. Men who receive a grade other than Satisfactory will be notified. Final grades will be given out only by the Dean or the Assistant Dean.

Grades are averaged on the basis that A=100, B=200, C=300, D=500 and E=800, and since the time devoted to courses varies, grade averages will take into account the time assigned to courses, giving them computation values as follows:

First Year: Anatomy 5; Histology 5; Physiology 5; Biological Chemistry 5.

Second Year: Pathology 6; Bacteriology 4; Pharmacology 4; Medicine 4; Surgery 2.

Third Year: Medicine 6; Surgery 6; Pediatrics 3; Obstetrics 3; Preventive Medicine 2.

Fourth Year: Proportional to month's work.

Only the originally assigned grade is used in computing the average, but in case a student has been set back a year, the grades of both years shall form the basis of computation.

Med 17.5
Surg 13
Obs 5.5
Ped 5.5

Med 7.5 Surg 5 Obs 2.5
Ped 2.5

Promotion Boards:

Promotion Boards have been appointed for the first, second and third years to review the work of the student at the end of the year or, at their option, at other times. The membership of these boards respectively consists of one voting representative from each department whose grading, as noted above, affects the student's grade average and one member from the Committee on Examinations.

It is the duty of the Promotion Board to promote those qualified, to warn students whose work is of low grade — in certain cases requiring that these students be set back a year — and to recommend that unpromising students withdraw from the School.

An appeal either directly or indirectly from the Board's action at any time to an individual member of the Faculty will automatically make the Board's action irrevocable; but an opportunity will be given to appear for a hearing either at a special meeting held within two weeks after the Board's action, or at the next annual meeting of the Board. The Board will then take final action from which an appeal cannot be taken. Applications for a hearing should be sent to the Chairman of the Promotion Board, Harvard Medical School.

General Examination:

A committee will give a General Examination to each candidate for the degree of M.D., and will assign him a final mark. It will recommend to the Faculty those who pass and are otherwise qualified for the degree and for honors. The conditions under which a student may take a General Examination and the character and conduct of the examination will be determined by the Committee subject only to rules of the Faculty.

Rules governing promotion:

1. The Faculty reserves the right to require the withdrawal of any student at any time when, in the opinion of his instructors, it is manifest that he is incompetent, or for any reason is unfit to continue his course.
2. Work in a course may be regarded as incomplete at the option of a department, and will be considered only indirectly in the action of the Promotion Board.
3. A student with a grade averaging, for the year, from D (500) to E (800) shall withdraw from the School.
4. A student whose grade averages from C — (400) to D (500) shall be warned. At the Board's discretion and especially if his grade average approaches D, the student may be asked to withdraw or he may be set back a year.
5. A student who is set back a year must repeat at least two assigned subjects and then he shall not be promoted unless he obtains an honor grade in at least one of these subjects.
6. A warned student must attain a grade average higher than in his previous year, failing which, he must be set back a year, or, at the Board's discretion, he may be required to withdraw from the School.

7. A student failing in any course and yet permitted to advance with his class shall not be promoted a second time nor may he be allowed to take the General Examination until that failure is removed.

8. A student failing any course shall have an opportunity for re-examination only in September or with a succeeding class or section. This rule shall not prevent a special examination for students who have been required to withdraw by the Promotion Boards.

9. A student becomes eligible to take a General Examination on successfully completing seven-eighths of his fourth year work. He may not anticipate the General Examination ahead of his class.

10. A student who fails three General Examinations shall be debarred from further attempts.

WITHDRAWAL FROM THE SCHOOL

A student may withdraw from the School, upon application to the Assistant Dean. *Application for reinstatement must be made at least four months prior to the date of readmission and for favorable action must be approved by the Promotion Board. After two years, favorable action will not usually be taken.*

DEGREES

DEGREE OF DOCTOR OF MEDICINE

Every candidate for the degree of *Doctor of Medicine* at this University must be at least twenty-one years of age, and of good moral character. He must have fulfilled all the requirements for admission to this Medical School; give evidence of having studied in a recognized medical school at least four full years, of which one year must be spent in the regular fourth year course of this School; have passed all the required examinations; have dissected the three parts of the body to the satisfaction of the demonstrator; have taken charge of and reported on twelve cases in Obstetrics under supervision and instruction; and furnish evidence of having engaged in the practical exercises in Medicine and Surgery.

The degree of Doctor of Medicine *cum laude* or *magna cum laude* may be given to students of highest rating in the class, on recommendation of the Committee on Examinations.

Every candidate for the degree of M.D. must make application for it in writing on blanks furnished at the Dean's office, on or before *May 1* of the year in which he proposes to graduate.

HIGHER DEGREES IN THE MEDICAL SCIENCES

The degrees Master of Arts, Doctor of Philosophy, and Doctor of Medical Sciences have been established for advanced work in some special field in the Medical Sciences. The first two degrees are voted by the Faculty of Arts and Sciences upon the recommendation of a Committee consisting of members of

the Faculties of Medicine and of Arts and Sciences. The degree of Doctor of Medical Sciences is administered by the above Committee, excepting the members from Harvard College, and the degree is voted by the Medical Faculty. All candidates for these degrees must hold a degree in Arts or in Sciences from an approved college. These degrees are not awarded for mere reason of faithful study for a prescribed time, but primarily for high attainment in a selected science.

MASTER OF ARTS AND DOCTOR OF PHILOSOPHY

Candidates for the degree of *Master of Arts* must register in the Graduate School of Arts and Sciences, and pursue an approved course of study in medical science for at least one year which must be spent in residence.

Candidates for the degree of *Doctor of Philosophy* must fulfil certain preliminary requirements described in the general University Catalogue, must devote to approved advanced studies not less than two years — at least one of which must be spent in residence at this University — and must pass general examinations and present an account of original work in an accepted thesis, before being granted the degree.

The fee is \$4.00 for each year.

DOCTOR OF MEDICAL SCIENCES

Candidates for this degree must matriculate as medical students and complete with an honor grade the regular elementary courses offered by this School in Anatomy, Histology and Embryology, Physiology, Biological Chemistry, Bacteriology, Pathology, Pharmacology and Clinical Pathology, together with such other subjects as may be recommended by the Committee. In addition all candidates are required to have a reading knowledge of French and German. Ordinarily this preparatory training will be equivalent to the first two years of the course of study leading to the degree of M.D. Students who have completed all or a portion of this work in other approved medical schools may be admitted to candidacy upon presenting evidence that they have passed the above subjects or their equivalents with an honor grade, and upon passing the general examination described below.

Following the completion of this preliminary training the student shall devote himself for not less than two years to the intensive study of one of the fundamental medical sciences and to the preparation of a thesis. The thesis must show an original treatment of a fitting subject and give evidence of independent research.

There shall be two examinations for every candidate for this degree: a general examination, before entering upon the work of the last two years, covering the elementary medical sciences listed above; and a final examination, upon acceptance of the thesis, covering the particular medical science chosen as a special field.

The fees for the first two years are the same as for medical students.

Further information concerning the higher degrees may be secured from DR. HALLOWELL DAVIS, Secretary of the Division of Medical Sciences, Harvard Medical School.

STUDENT EMPLOYMENT

The Dean's Office makes every effort to assist students in obtaining part-time work during the College year and full-time work during the summer vacation. The service is furnished without cost either to the student or to the employer. It is recommended, however, unless a student sees reasonably clearly how he will meet the expenses of at least the first year in the School, that he postpone his entrance until he can save enough money to get started without having ahead of him oppressive financial worry.

Only a limited amount of outside work can be done without being a tax on the student's health and scholarship.

FEES AND EXPENSES

An estimate of total yearly expenses shows that the average cost of the school year is \$1,275 for the last three years, and \$1,430 for the first year when, in addition to other expenses, a microscope must be bought. This estimate includes tuition, medical and infirmary fee, board and room, books, laboratory fee, laundry and incidentals.

Matriculants are required to own their microscopes and hemocytometers. These must be of a type acceptable to the Medical School. The cost of a microscope will be about \$157.

The fees are: — For matriculation, \$5; for medical and infirmary fee, \$20 for each year; for instruction (including laboratory charges except breakage, damage and loss of apparatus), \$400 for each year.

The term-bills for the academic year 1938-39 will be issued and payable as follows:

The first term-bill will be issued at registration and payable on or before September 28, and will include one-fourth of the regular tuition, one-half of the medical and infirmary fee and the matriculation fee if any. Students who register late must pay their bills on or before the second business day following registration.

The second term-bill will be issued November 12, payable November 30, and will include one-fourth of the tuition, one-half of the room rent for the academic year, and charges at the dining halls from September 26 to October 31.

The third term-bill will be issued January 12, payable January 30, and will include one-fourth of the tuition, one-half of the medical and infirmary fee and charges at the dining halls from November 1 to December 31.

The fourth term-bill will be issued April 12, payable April 29, and will include one-fourth of the tuition, one-half the room rent, and charges at the dining halls from January 1 to March 31.

The fifth term-bill will be issued June 15, payable July 10, and will include charges at the dining halls from April 1 to the end of the term and charges for breakage, etc. Any charge received in the Bursar's Office too late to be included in the June term-bill will be charged on a supplemental bill to be mailed out about June 30.

Bills for miscellaneous charges will be rendered at the time the indebtedness is incurred.

All indebtedness to the University must be paid by all candidates for degrees at least one day before Commencement.

Students who are candidates for degrees in the middle of the academic year must pay all dues to the University at least one day before the day upon which the degrees are to be voted.

The term-bills are sent to the student at his college address unless the Bursar is requested in writing to send them elsewhere.

When a student's connection with the University is severed, all charges against him must be paid at once.

A deposit of \$50 is required of every new student who accepts a place in the Medical School; this sum to be applied on his first term-bill or to be forfeited if the student does not register.

A deposit of \$1 with the Superintendent of Buildings will entitle the student to the use of a locker in the School buildings.

Any student whose indebtedness to the University remains unpaid on the date fixed for payment is deprived of the privileges of the University until he is reinstated. Reinstatement is obtained only by consent of the Dean of the Department in which the student is enrolled, after payment of all indebtedness and a reinstatement fee of \$10. *Students will be held responsible for the payment of fees until they have notified the Dean, in writing, of their intention to withdraw from the School, and have subsequently received their bond from the Bursar.*

DORMITORY

Vanderbilt Hall, the Medical School dormitory, has accommodations for 325 students. The price of rooms ranges from \$130 to \$380 for the academic year of thirty-nine weeks. Application forms for rooms in the dormitory will be sent to all new students early in April and they should be returned to the Dean of the Medical School before May 15. Students permitted to reengage their rooms must file at the Bursar's Office new room agreements on or before April 1, 1939. The dormitory has squash courts and a gymnasium which are open to members of the teaching staff and students of the Medical School. In addition the School owns four tennis courts.

The dormitory contains a large dining hall which is available for all members of the Medical School. Meals are served at reasonable prices.

BOND REQUIRED OF STUDENTS

On his entrance to the School every student is required to file with the Bursar a bond in the sum of \$500 as security for payment of University bills. The bond must be signed by two bondsmen, both of whom must be citizens of the United States, or by a surety company duly qualified to do business in Massachusetts.

No officer or student of the University will be accepted as a bondsman and in no case will more than one parent be accepted as a bondsman. In lieu of the bond a student may deposit with the Bursar five hundred dollars in United States government coupon bonds, or five hundred dollars in cash which will bear no interest.

MEDICAL ATTENDANCE

A medical adviser, who is under the joint supervision of the Department of Hygiene and of the Medical School will be in his office in Building A, Harvard Medical School, from 8 to 9 A.M. and 3.30 to 6 P.M. daily except Saturdays and holidays. He may also be seen at other times by appointment and physicians will be available at any time in case of emergency.

A complete medical examination of each new student will be made at the beginning of the school year. Ample opportunity will be given also to other students who desire a medical examination. See the University catalogue for information regarding the payment of medical and infirmary fee and the facilities which will be available in return.

Any illness necessitating absence from work must be reported to the medical adviser.

Evidence of having been satisfactorily vaccinated is required for entrance to Harvard University.

FELLOWSHIPS AND SCHOLARSHIPS

FELLOWSHIPS

*Applications for fellowships should be in the hands of the Dean on or before
January 10*

The amount of the stipend of the Fellowships and Scholarships is approximate only and contingent upon the income of the University.

Students who marry while on a fellowship will forfeit the fellowship unless at the time of their application they have notified the Committee of their intention to marry.

AUSTIN FELLOWSHIPS. A certain number of teaching fellowships have been established from the income of the Austin Fund and assigned to the Medical School.

Each, \$900

EDWARD HICKLING BRADFORD FELLOWSHIP. Established in 1918 by an anonymous gift. The Fellowship may be used for research or instruction separately or in connection with any other foundation in such manner as the Corporation may from time to time prescribe. \$1,425

THE JOHN WHITE BROWNE SCHOLARSHIP. Established under the will of Mrs. Francis B. Greene in 1918. This scholarship is to be awarded by the Dean of the Medical School to a young man (graduate or matriculated student) of unusual promise, to enable him to pursue research investigations for a year at the Harvard Medical School or elsewhere. \$1,175

BULLARD FELLOWSHIPS. Established in 1891 by a gift from William Story Bullard of Boston, "in memory of three physicians who were distinguished for their honorable personal character and for their professional services in this community." The three following fellowships were established: —

THE GEORGE CHEYNE SHATTUCK MEMORIAL FELLOWSHIP . . .	\$400
THE JOHN WARE MEMORIAL FELLOWSHIP	400
THE CHARLES ELIOT WARE MEMORIAL FELLOWSHIP	375

The income from any one or all of these fellowships may be paid to any student or member of the medical profession who shall be selected by the Administrative Board of the Medical School to make such original investigations in Medical Science as in their opinion will be most useful to the profession and to the community. The results of such investigations shall not, however, be published as a research performed under the grant of a Bullard Fellowship, unless the work shall have received the approval of the Committee. If published with the approval of the Committee, mention shall be made of the fact that the work was done under a Bullard Fellowship.

Holders of Bullard Fellowships are required to do an amount of work equivalent to not less than ten hours a week throughout the academic year and to present to the Committee at the end of the academic year a report on the amount and result of the work performed. There are offered also from School research funds other students' research fellowships of \$300 each under similar conditions.

ARTHUR TRACY CABOT FELLOWSHIP. Established in 1913 by a gift from Dr. and Mrs. Frederick Cheever Shattuck, in memory of Arthur Tracy Cabot, A.B. 1872, M.D. 1876. The holder of the Fellowship is not ordinarily to engage in active private practice while holding it but is to devote himself to the advancement of surgery whether in the United States or elsewhere. The nomination to this Fellowship is, by preference, to be in the hands of the Moseley Professor of Surgery. \$1,475

THE JAMES JACKSON CABOT FELLOWSHIP. Established in 1906 by a gift from Arthur T. Cabot, Samuel Cabot, and Guy C. Cabot. In 1912 Guy C. Cabot added to this fund. The income remaining after adding a certain percentage to the principal each year is preferably, but not necessarily, to be used for a fellowship "to aid and encourage practical work in scientific medicine." \$650

CHARLES FOLLEN FOLSOM TEACHING FELLOWSHIP. Established in 1908 by gifts from more than sixty persons in memory of Charles Follen Folsom, A.B. 1862, M.D. 1870, Lecturer on Hygiene, 1877-79, on Hygiene and Mental Diseases, 1879-80, on Mental Diseases, 1880-82; Assistant Professor of Mental Diseases, 1882-85, and Overseer, 1891-1903. It was the desire of the givers that there be established in the Medical School a Charles Follen Folsom Teaching Fellowship in Hygiene or in Mental and Nervous Diseases, and that the incumbent receive the annual income of the fund, or such part of it as may be consistent with the standing rules of the Corporation in such cases. This fellowship has been assigned to the Department of Hygiene until the further order of the President and Fellows. \$775

LOUIS E. KIRSTEIN FELLOWSHIP. Established in 1937 by a gift from the friends of Louis E. Kirstein for a fellowship in the Medical School to mark his seventieth birthday by an enduring symbol of their affection for him as a man and their admiration of him as a humanitarian. \$1,000

WILLIAM O. MOSELEY, JR., TRAVELLING FELLOWSHIPS. Established in 1912 by a bequest of Mrs. William O. Moseley for men who have attended the School for three or four years, for further study in Europe. Either two or three Fellowships will be awarded from the income, which is approximately \$5,400.

FRANCIS WELD PEABODY MEMORIAL FELLOWSHIP (1929). To be awarded on the recommendation of the Dean and full professors of Medicine in charge of the clinics of the Boston City Hospital, the Massachusetts General Hospital, and the Peter Bent Brigham Hospital, to properly qualified graduates of medical schools to enable them to devote further time to intensive clinical and laboratory studies. \$3,000

THE JEFFREY RICHARDSON FELLOWSHIP. Established in 1933 by a gift from William Lambert Richardson, A.B. 1864, M.D. 1867. To be awarded each year to some deserving student, upon his graduation from the Harvard Medical School, who desires to continue his studies either here or abroad. \$1,800

HENRY P. WALCOTT FELLOWSHIP IN CLINICAL MEDICINE. Founded in 1910 by Dr. Frederick Cheever Shattuck. "The income to provide for the support of a Fellow in Clinical Medicine, who shall receive his appointment from the Corporation on nomination by the Jackson Professor of Clinical Medicine, who, while the holder of the Fellowship, shall not engage in private practice but devote his time to teaching and clinical research work." \$1,775

THE WHITMAN FUND. Established in 1933 by Mrs. Bernard C. Whitman in memory of her husband Bernard C. Whitman, A.B. 1846, and of her son Crosby C. Whitman, A.B. 1886. The income is available for a graduate of Harvard Medical School pursuing the study of medicine or surgery at the École de Médecine de Paris. \$440

DR. WILLIAM HUNTER WORKMAN SCHOLARSHIP. Established in 1925 by a gift from William Hunter Workman, M.D. 1873, to enable one or more graduates of the Harvard Medical School to pursue postgraduate studies in medicine in this country or abroad. In exceptional cases, fourth year students will be eligible. \$1,300

SCHOLARSHIPS

HARVARD MEDICAL SCHOOL NATIONAL SCHOLARSHIPS

In order to make it possible for young men of outstanding ability and promise to come to the Harvard Medical School, one or two Harvard Medical School National Scholarships will be offered to incoming members of the First Year Class. These scholarships will carry a stipend sufficiently large, if necessary, to meet all the student's essential expenses. Successful applicants who maintain a high honor record at the Medical School will continue to hold these scholarships throughout the Medical School course.

The offer of these scholarships is made possible by gifts from Mr. Edward S. Harkness and Dr. Daniel F. Jones. The donors express the hope that through these scholarships superior men who would otherwise not receive a medical education will be enabled to attend the Harvard Medical School. They also express the hope that some of these men may wish to return to their own communities to carry on the practice of medicine.

Direct application for these scholarships cannot be made since all accepted first year students are considered as candidates, the awards being made without reference to financial circumstances. The stipend will vary however from \$100 to \$1,000 depending on the resources of the recipient.

HARKNESS NATIONAL SCHOLARSHIPS	\$4,000
DANIEL FISKE JONES SCHOLARSHIP	875

The following scholarships are open only to students who are members of the School at the time of application.

The Cheever, Greene, Haven, and Mears Scholarships are awarded to students of the first year class. The Hayden and Webster Scholarships may be so awarded. All the other scholarships are awarded to members of the three upper classes.

Scholarships and gratuities are awarded to such men among those applying for and needing assistance as give evidence of having done the best work in this School.

Information with regard to all forms of pecuniary aid may be obtained from the Dean's Office. Students requiring aid should visit the Dean's Office as soon as possible after matriculation to discuss their financial needs.

Applications from second, third, and fourth year students must be made on or before *May 15, 1939*.

Applications from first year students must be handed in to the Dean's Office on or before *January 15, 1939*.

EDWARD M. BARRINGER SCHOLARSHIP No. 1	\$300
EDWARD M. BARRINGER SCHOLARSHIP No. 2	200

From the estate of Edward M. Barringer for the maintenance of two scholarships for students in the Harvard Medical School, these scholarships are awarded to deserving students, preference being given to those of the fourth year class.

THE GORDON BARTLETT SCHOLARSHIP. Established in 1919 by Mr. and Mrs. Donald Gordon in memory of their nephew, Gordon Bartlett, a student at Dartmouth College who died of wounds at St. Mihiel while serving in the Seventeenth Field Artillery. Preference is given to graduates of Dartmouth College. This scholarship will ordinarily be divided between two men. \$500

THE MATTHEW AND MARY E. BARTLETT SCHOLARSHIP. Founded by Miss Fannie Bartlett of Boston, in memory of Matthew and Mary E. Bartlett, for the benefit of a worthy and meritorious student who is in need of financial assistance. \$550

LUCIUS F. BILLINGS SCHOLARSHIP. Founded in 1900 from a bequest under the will of Lucius F. Billings. The income may be divided between two or more students. \$275

DAVID WILLIAMS CHEEVER SCHOLARSHIP. Founded in 1889 by David Williams Cheever, A.B. 1852, M.D. 1858., LL.D., of Boston. It is to be awarded to a poor and meritorious student of the first year, after three months' probation in the Medical School. \$400

COTTING GIFT. Received from the late Benjamin E. Cotting, A.B. 1834, M.D. 1837, to be given to such medical student or students as the Administrative Board may select, having regard to the pecuniary needs, intellectual capacity, faithfulness and earnest endeavor, rather than to highest scholarship merely. \$175

ORLANDO W. DOE SCHOLARSHIP. Established as a part of the bequest of Orlando Witherspoon Doe, A.B. 1865, M.D. 1869. "To be given annually as a scholarship to a deserving student in the Medical department." \$175

GEORGE RUSSELL EAGER SCHOLARSHIP. Founded in 1936 by Miss Mabel T. Eager in memory of her father. \$250

HENRY EHRLICH MEMORIAL SCHOLARSHIP. Established in 1927 by the friends and family of Henry Ehrlich, M.D. 1886. The income is to be used for the assistance of needy and worthy students regardless of creed or color. \$550

JOSEPH EVELETH SCHOLARSHIP. Founded from the residuary bequest made by Joseph Eveleth, of Boston, "for aiding deserving and indigent young men in obtaining an education in said College or any of the schools connected therewith." *Three, each \$225*

HORACE PUTNAM FARNHAM SCHOLARSHIP. Founded in 1918 from a bequest under the will of Mrs. Eliza Cary Farnham as a memorial to her husband, Dr. Horace Putnam Farnham, A.B. 1843, for the benefit of meritorious students of limited pecuniary resources in the Harvard Medical School. *Two, each \$300*

THE JAMES GOLDTHWAITE FREEMAN SCHOLARSHIP. Founded in 1925 from a bequest under the will of Caroline S. Freeman for the assistance of meritorious and deserving medical students. *\$100*

CHARLOTTE GREENE SCHOLARSHIP. Founded in 1925 by Edwin Farnham Greene, for the benefit of a first year student whose previous record indicates special promise. *\$225*

DR. C. EUGENE GUNTHER SCHOLARSHIP. Established in 1933 from a bequest of Mrs. C. Eugene Gunther, in memory of her husband, the income to be used to maintain two scholarships for the benefit of deserving medical students. *Two, each \$400*

GEORGE HAVEN SCHOLARSHIPS. Founded in 1913 from a bequest under the will of George Haven, M.D. 1883, the income to be used annually for scholarships for deserving students of the first year in the Medical School, the amount of such scholarships to be at the discretion of the Scholarship Committee. *\$1,150*

The LEWIS AND HARRIET HAYDEN SCHOLARSHIP for colored students. Founded in 1894 from a bequest of Mrs. Harriet Hayden. The income may be divided. If not awarded in the Medical School, the School of Public Health, or the Dental School, it is open to colored students in any other department of the University. *\$300*

HILTON SCHOLARSHIP. Founded in 1897 from a bequest of William Hilton. *Two, each \$275*

WILLIAM OTIS JOHNSON SCHOLARSHIP. Founded in 1912 from a bequest under the will of Mrs. William O. Johnson, in memory of her husband, William Otis Johnson, A.B. 1845, M.D. 1848. *\$225*

CLAUDIUS M. JONES SCHOLARSHIP. From a bequest of six thousand dollars by Claudius Marcellus Jones, A.B. 1866, M.D. 1875. *\$350*

ALFRED HOSMER LINDER SCHOLARSHIP. Founded in 1895 by Mrs. George Linder. It is to be awarded to a needy student who shall have proved himself to be of sound principles and marked ability. *\$300*

JAMES EWING MEARS, M.D. SCHOLARSHIP IN MEDICINE. In 1920 a bequest from the estate of J. Ewing Mears established a scholarship in the Medical School in continuance of one which Dr. Mears gave during his life. To be awarded to a young man whose financial resources are such that he cannot, unaided, acquire a medical education; the beneficiary shall hold the scholarship for the full course of four years, subject to his standing in scholarship and his good conduct. Available 1940-41. *\$225*

The JOSEPH PEARSON OLIVER SCHOLARSHIP. Founded in 1904 by patients of the late Joseph Pearson Oliver, M.D. 1871, to be awarded to a needy and deserving student of the Medical School. \$475

CHARLES B. PORTER SCHOLARSHIP. Founded in 1897 from a bequest of five thousand dollars by William L. Chase. \$300

FLAVIUS SEARLE SCHOLARSHIP. Established in 1921 from a bequest of Miss Mary L. Searle of Boston, in memory of her father, Dr. Flavius Searle. The stipend may be divided. \$350

FRANCIS SKINNER SCHOLARSHIP. Established in 1905, to be used in small sums to meet the urgent needs of meritorious students in the payment of term-bills or other expenses. This fund remained as an anonymous gift until 1908, when by vote of the President and Fellows of Harvard College it was named in honor of the late Francis Skinner, Esq., the donor. \$300

CHARLES PRATT STRONG SCHOLARSHIP. Founded in 1894 by friends and patients of the late Charles Pratt Strong, A.B. 1876, M.D. 1881. \$275

ISAAC SWEETSER SCHOLARSHIP. Founded in 1892 by Mrs. Anne M. Sweetser. The income is to be "devoted to the aid of poor students of ability who would not otherwise be able to continue the studies necessary for their profession." \$375

The JOHN THOMSON TAYLOR SCHOLARSHIP. Founded in 1899 by Mrs. Frederic D. Philips in memory of her brother, John Thomson Taylor. The income is to be paid to some meritorious undergraduate of the Medical School without regard to his pecuniary circumstances. \$300

The WALKER SCHOLARSHIPS. In 1922 Miss Leslie Walton Walker left a bequest of \$28,000 for the establishment of four scholarships for the benefit of four needy and deserving students of the Medical School, as the Administrative Board shall annually recommend. These scholarships will be known as

The DR. CHARLES WALKER SCHOLARSHIP	\$325
The HELEN L. WALKER SCHOLARSHIP	325
The ANNA G. WALKER SCHOLARSHIP	325
The LESLIE W. WALKER SCHOLARSHIP	325

ABRAHAM A. WATSON SCHOLARSHIP. Established in 1923, from the estate of the late Miss Catherine E. Walker, the income to be used "as a scholarship for the benefit of students in the Medical School." \$450

EDWARD WIGGLESWORTH SCHOLARSHIP. Founded in 1897 by the family of the late Edward Wigglesworth, A.B. 1861, M.D. 1865, the yearly income of the fund to be paid to a needy and deserving student of the Medical School. \$300

PRIZE

HENRY ASBURY CHRISTIAN PRIZE. Established in 1937 by a gift from Dr. Samuel A. Levine. The award to be made each year on or about the seventeenth of February, which is Dr. Christian's birthday, to the student in the Fourth Year Class who in the opinion of the Committee of Award has displayed diligence and notable scholarship in his studies and offers promise for the future. \$100

FELLOWSHIPS AND SCHOLARSHIPS AVAILABLE IN OTHER DEPARTMENTS OF
THE UNIVERSITY AS WELL AS IN THE MEDICAL SCHOOL

Unless otherwise stated, applications should be made, before *February 10*, to the Dean of the Medical School.

THE DANIEL A. BUCKLEY SCHOLARSHIPS; for graduates of the public schools of the City of Cambridge.

THE VICTOR EMMANUEL CHAPMAN MEMORIAL FELLOWSHIP; with a stipend of one thousand four hundred dollars. Founded in 1917 by a number of persons who gave jointly the sum of approximately twenty-five thousand dollars in memory of Victor Emmanuel Chapman, of New York, of the Class of 1913, who was killed in action over Verdun, June 23, 1916, while a member of the Flying Corps of the French Army. This fellowship is to be assigned to a French youth (or youths) for study in some department of Harvard University. Application should be made to Professor Émile Legouis of the University of Paris.

THE JOSEPH HODGES CHOATE MEMORIAL FELLOWSHIP; with a stipend of one thousand nine hundred dollars. Established in 1919 by the Harvard Club of New York City in memory of Joseph Hodges Choate, of the Class of 1852, American Ambassador to Great Britain from 1899 to 1905. To be awarded, upon the nomination of the Vice-Chancellor of the University of Cambridge, England, to a British subject coming from the University of Cambridge to study in any department of Harvard University. The terms at present require that the candidate shall be either a Bachelor of Arts of not more than three years' standing from the time of taking his degree, or a matriculated undergraduate of not more than three years' standing from the date of his matriculation.

GEORGE CHASE CHRISTIAN MEMORIAL SCHOLARSHIPS. Established in 1936 by Mrs. George Chase Christian, in memory of her husband, George Chase Christian, A.B. 1895. To be awarded as National Scholarships to residents of Minnesota, for study in any of the graduate and professional schools of Harvard University.

Two or more, from an income of \$2,000

THE PARKER FELLOWSHIPS. Established in 1873 in memory of John Parker, Jr., for the instruction, education, and maintenance of one or more students of

eminent natural talents or genius for some one or more of the natural sciences taught in the University. Available for study at the University or in foreign countries.

One or more, each \$1,500

THE PRINCETON FELLOWSHIP; with a stipend of five hundred and fifty dollars. From a graduate of Princeton University, to be awarded to a graduate of that University studying in any department of Harvard University. Application should be made to the Dean of the Graduate School of Princeton University before February 10.

THE JAMES A. RUMRILL SCHOLARSHIP; with a stipend at present of four hundred and twenty-five dollars. This Scholarship, founded in 1909 by Mrs. James A. Rumrill, in memory of her husband, James Augustus Rumrill, of Springfield, Mass., of the Class of 1859, will be offered each year to a properly qualified graduate of a college or university in Virginia, North Carolina, South Carolina, Florida, Georgia, Tennessee or Kentucky.

THE FREDERICK SHELDON FUND FOR TRAVELLING FELLOWSHIPS. The income of this Fund is available for holders of any degree from Harvard University. About sixteen fellowships are awarded, the maximum amount being \$1,500

THE STOUGHTON SCHOLARSHIP. Established in 1701 from a bequest of Lieutenant Governor William Stoughton. The income of three thousand six hundred dollars is available for one or more students in any department of the University, preference being given first to students of Dorchester and second, if there be none such, to students of the town of Milton.

ANNA VAUGHN FOUNDATION. The income to be used to aid meritorious students of Harvard University who are pursuing studies in any biological science.

\$125

Major HARRISON BRIGGS WEBSTER, U. S. ARMY, SCHOLARSHIP. Established in 1921 by Mrs. L. Florence Webster in memory of her son, Harrison Briggs Webster, A.B. 1905, Harvard College, 1909, Harvard Medical School, Regimental Surgeon of the 47th U. S. Infantry, awarded a Citation "For unusually conspicuous and meritorious services," and a second Citation, with the Distinguished Service Cross, "For extraordinary heroism in action." Killed in action in the Meuse-Argonne, October 13, 1918. This scholarship is to be awarded to sons of members of the Class of 1905, Harvard College. In case there is no application or award made in any year, the scholarship shall be awarded for that year to a needy student who shall have shown himself to be of sound principles and marked ability.

\$225

OTHER SCHOLARSHIPS. The following Fellowships and Scholarships, open to students in other Departments of the University, are available also for students in the Medical School: Ellen S. Bates, Baxendale, Bright, Caspar Henry Burton,

Jr., Charles Downer Fund, Charles W. Holtzer, Lincoln, Frederick E. Parlin, Aristides Evangelus Phoutrides, Franklin Reynolds, 1902 World War Memorial, and Jeffries Wyman (for biological research). There are also scholarships for students from certain states and localities, for descendants of donors, and for men nominated by Harvard Clubs.

Further information about these scholarships may be obtained from the *University Catalogue* for 1938-39.

LOAN FUNDS

Apply at Dean's Office

Funds have been established to which students who are in need of money may make applications for loans.

Applications for the ensuing year must be made by May 15th, but in an unforeseen emergency at other times. Loans are made to meet term-bills and cash is provided rarely. Amounts up to \$400 may be loaned to a student during any one year, and up to a total of \$1,000 during the course. Notes are payable two years after graduation and 5 % interest is charged. During the past year money available and loans made amounted to approximately \$13,500.

Loans will be made to students in the second, third, and fourth year classes, whose records have been sufficiently creditable to make it probable that they will remain in the School and whose other financial obligations do not make it improbable that this loan will be repaid. Recent matriculants may apply for loans only in their second half-year and then only in case of unanticipated financial difficulty. Loans will rarely be made to married students.

THE DAVID L. EDSALL REVOLVING LOAN FUND. Dr. Frederick C. Shattuck in 1927 established this fund by gift of \$100,000 to be used as a revolving loan fund. The notes are payable two years after graduation or earlier.

THE CHARLES WILLIAM ELIOT LOAN FUND. The first gift to create a loan fund in honor of PRESIDENT ELIOT was made in 1924 by an anonymous donor. The principal and interest from the fund are to be used for loans to students in the Medical School.

JOHN FOSTER FUND. The income of the John Foster Fund is available in alternate years in the Law School and in the Medical School, for one or more meritorious students needing assistance. The next assignment in the Medical School will be made in 1938-39.

THE LOAN FUND OF THE MEDICAL CLASS OF 1879. The Medical Class of 1879 has given the sum of four hundred and thirty-six dollars and seventy-nine cents to be used as a loan fund to aid any student or students in the Medical School in accordance with the request of the Class, or, in the absence of such request, under the direction of the Faculty of Medicine.

LECTURESHIPS

The Cutter Lectures on Preventive Medicine were established in 1912 under the deed of gift contained in the will of Dr. John Clarence Cutter. These lectures are given annually and are open to the medical profession.

The Edward K. Dunham Lectures for the promotion of the medical sciences have been given annually since 1923 by eminent investigators and teachers in one of the branches of the medical sciences or of the basic sciences which contribute toward the advance of medical science in the broadest sense. The lectures are open to the Faculty and students of the Harvard Medical School and College and all other interested professional persons. The lectures are given under the fund established for that purpose by Mary Dows Dunham in memory of her husband, Dr. Edward K. Dunham.

The George W. Gay Lectures upon Medical Ethics are given annually at the Harvard Medical School. The fund for the establishment of these lectures was given in 1917 by Dr. George W. Gay.

THE CANCER COMMISSION OF HARVARD UNIVERSITY

Under the will of the late Mrs. Caroline Brewer Croft a sum of money was received in 1899 for the investigation of the cause and treatment of cancer. Since that time other sums have been contributed for cancer research and the Cancer Commission of Harvard University has been organized. The President of the University is Chairman of the Commission. Its work is carried on chiefly at the Collis P. Huntington Memorial Hospital and its laboratories.

HARVARD INFANTILE PARALYSIS COMMISSION

The Commission was appointed by the Corporation September 25, 1916, and is devoted to the treatment of those afflicted with infantile paralysis and to the study of the cause and means of transmission of the disease. The Commission also acts in an advisory capacity to the Massachusetts State Department of Health and coöperates with the Vermont Board of Health. It is supported entirely by public subscription and receives no financial support from Harvard University.

The members of the Commission are: C. Sidney Burwell, M.D., *Chairman*, Kenneth D. Blackfan, M.D., Henry D. Chadwick, M.D., Cecil K. Drinker, M.D., John E. Gordon, M.D., and Hans Zinsser, M.D. Advisory Committee: Roger Pierce, *Chairman*, Richard C. Curtis, *Treasurer*, Frederick Ayer, Hermann F. Clarke, James J. Minot, Jr., Miss Madeleine Harding, *Secretary*. In charge of Infantile Paralysis Research, W. Lloyd Aycock, M.D. In charge of After Care, Arthur T. Legg, M.D.

HARVARD EPILEPSY COMMISSION

A Commission for the study of epilepsy was appointed by the Corporation in June 1928.

The Commission plans to conduct research into the various convulsive conditions in coöperation with various hospitals and the Department of Neuropathology of the School. At present, particular attention is being devoted to the biochemical aspects of the disease and to the study of cerebral circulation in relation to convulsions, but the Committee stands ready to investigate any promising suggestions. Fritz B. Talbot, M.D., *Chairman*, Walter B. Cannon, M.D., Stanley Cobb, M.D., Bronson Crothers, M.D., J. Wells Farley, Christian A. Herter, 2d, Haldan Lee, *Treasurer*, William G. Lennox, M.D., Tracy J. Putnam, M.D., *Secretary*.

PROCTOR FUND

A bequest of fifty thousand dollars by Ellen Osborne Proctor, for the purpose of promoting the study of chronic diseases, subsequently has been increased by an additional fifty thousand dollars from another member of the Proctor family. The income of this fund is to be devoted to investigations into the nature and treatment of chronic diseases and the care of persons afflicted with these diseases while in hospitals for such investigations. The special disposition of the income of this fund is under the control of a committee composed of the professors of Theory and Practice of Physic, Clinical Medicine, and Pathology. Henry A. Christian, M.D., is Chairman of the Proctor Fund Committee. Applications for grants should be sent to Dr. Christian, preferably on May 1st of each year.

WILLIAM W. WELLINGTON FUND

In 1925 a bequest was received from William H. Wellington to establish the "William W. Wellington Memorial Research Fund." The income of this fund is to be applied for research concerning the etiology and therapeutics of the diseases of man, and is to be administered by a Committee composed of the heads of the departments of Pathology, Medicine, and Pharmacology. S. Burt Wolbach, M.D., is the Chairman.

COURSES FOR GRADUATES

The object of this division of the Medical School is to offer to graduates in Medicine opportunities to continue their studies in a thorough and scientific manner.

While all courses are intended primarily for those who hold degrees from recognized medical schools, certain courses in the scientific subjects are adapted to the needs of advanced students and teachers of science. Such persons may be admitted to courses on the approval of the Administrative Board.

Undergraduate students of medicine may be admitted to such courses as they are qualified to take. Special consideration for the needs of such students will be given in the plans for summer courses.

Laboratory facilities at the Harvard Medical School and the abundant clinical opportunities in the various hospitals are available for graduate instruction. Frank R. Ober, M.D., Assistant Dean, is in charge.

SCHOOL OF PUBLIC HEALTH

This School was opened in 1922. Its object is to provide the scientific ground-work which underlies efficient health administration.

Courses in Bacteriology, Parasitology and Tropical Medicine, Epidemiology, Communicable Diseases, Public Health Administration, Ecology, Nutrition, Vital Statistics, Sanitation, Child Health, Industrial Hygiene are offered, which aim to train the student to become an intelligent Public Health official. Opportunity is also given to students wishing to pursue research in Public Health. Any course may be taken singly, or a student may devote a considerable period of time to one subject. For further information, apply to the Secretary.

TUTORIAL SYSTEM

Students who because of previous training have a special interest in the medical sciences are encouraged to devote the spare time afforded by the two free afternoons to intensive work on a well defined problem. First year students should consult the first year tutor in order that he may place them in contact with the member of the faculty best fitted for their particular needs. This arrangement makes it possible for a student to continue in extracurricular work along some one line under the direction of a faculty member throughout his first three years in medical school. In the fourth year, the faculty permits those men who have shown suitable qualities for this type of extracurricular work to devote a considerable portion of their time to a specific problem in one of the basic medical sciences or major divisions of medicine. Their past medical school records must demonstrate that their regular curricular work will not be impaired if they undertake such extracurricular studies. Not more than fifteen per cent of the class is allowed this privilege. Men desiring this opportunity should apply to the tutorial board, stating their plan of work and that it meets with the approval of the tutor and of the man under whose guidance the actual work will be done. Applications for such tutorial work should be made in the spring of the third year.

DIVISION OF STUDIES
TOTAL NUMBER OF HOURS FOR EACH SUBJECT

FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
Anatomy 220	Bacteriology 144	Medicine 213	Medicine * 432
Histology 220	Medicine 236	Pediatrics 71	Surgery * 288
Physiology 232	Pathology 335	Surgery 175	Obstetrics 144
Biochemistry 232	Pharmacology 114	Obstetrics 128	Pediatrics 144
Thesis 50	Surgery 75	Preventive Medicine 124	Elective 144
Medical Psychology 10	Obstetrics 12	Dermatology and Syphilology 37	
		Neurology 31	
		Psychiatry 48	
		Ophthalmology 31	
		Gynaecology 33	
		G. U. Surgery 33	
		Laryngology 33	
		Otology 32	
		Orthopaedic Surgery 38	

* The time allotment for these two subjects may be reversed at the student's option.

ANNOUNCEMENT OF COURSES *

The "Announcement of Courses" comprises a statement by each Department as to its general plan of instruction and its various required exercises, followed by a résumé of the Fourth Year Elective Courses and the Voluntary Courses.

Each student in the fourth year must secure credit for eight one-month courses of 144 hours or their equivalent. Required courses fill seven months' time, leaving one month free for elective work. Students may anticipate certain of the required courses during the summer preceding the fourth year and thus gain more time for elective work in the fourth year; but credit for such work shall not exceed three months. In the following statements whole courses have a value of 144 hours, half-courses of 72 hours, and quarter-courses of 36 hours.

An opportunity for voluntary work is offered to second and third year students on Tuesday and Thursday afternoons. It is believed that upperclassmen will welcome a chance to keep in touch with the most recent developments in the fundamental sciences; that an interest in certain fundamental subjects will have been aroused by their clinical work; or that they may feel the desire for additional training on some point. Students are not required or even asked to take this work: it is entirely a voluntary matter, and no credit will be given.

There are also opportunities for association with voluntary groups interested in studying the more general aspects of medicine, including the economic, social and historical aspects.

Special pamphlets are issued describing the opportunities for elective and voluntary work and outlining the conditions under which such work may be undertaken.

Anatomy

J. LEWIS BREMER, M.D., *Hersey Professor of Anatomy.*

FREDERIC T. LEWIS, M.D., *James Stillman Professor of Comparative Anatomy.*

GEORGE B. WISLOCKI, M.D., *Parkman Professor of Anatomy.*

ROBERT M. GREEN, M.D., *Associate Professor of Applied Anatomy and Instructor in Gynaecology.*

ALLAN L. GRAFFLIN, M.D., *Assistant Professor of Anatomy.*

DAVID M. RIOCH, M.D., *Lecturer on Anatomy.*

HAROLD L. WEATHERFORD, Ph.D., *Assistant Professor of Anatomy.*

* Abbreviations used in the following pages, and in the tabular views:

B.C.H. = Boston City Hospital.

B.I.H. = Beth Israel Hospital.

B.L.I.H. = Boston Lying-in Hospital

B.P.H. = Boston Psychopathic Hospital.

C.H. = Children's Hospital.

F.H.W. = Free Hospital for Women.

H.G.S. = House of the Good Samaritan.

H.M.H. = Huntington Memorial Hospital.

H.M.S. = Harvard Medical School.

I.H. = Infants' Hospital (Rotch Memorial).

M.C.S. = Middlesex County Sanatorium.

M.E. and E.I. = Massachusetts Eye and Ear Infirmary

M.G.H. = Massachusetts General Hospital.

N.E.D.H. = New England Deaconess Hospital.

P.B.B.H. = Peter Bent Brigham Hospital.

ROBERT S. MORISON, M.D., *Associate in Anatomy.*

TORR W. HARMER, M.D., *Instructor in Anatomy and Assistant in Surgery.*

EDWARD A. EDWARDS, M.D., *Assistant in Anatomy.*

KENNETH C. FARNSWORTH, M.D., *Assistant in Anatomy.*

FRANK A. HAMILTON, M.D., *Assistant in Anatomy.*

GEORGE C. PRATHER, M.D., *Assistant in Anatomy.*

WILLIAM M. SHEDDEN, M.D., *Assistant in Anatomy.*

H. STANLEY BENNETT, M.D., *Research Fellow in Anatomy and Fellow of The National Research Council.*

UNTO U. UOTILA, M.D., *Research Fellow in Anatomy and in Physiology.*

JOHN H. VENABLE, M.D., *Research Fellow in Anatomy and Fellow of the Commonwealth Fund.*

In the department of Anatomy, instruction is given in gross human Anatomy, Histology, Neurology, and Embryology. Opportunities are also afforded for advanced work and investigation in these subjects.

The department occupies the Morgan Anatomical Building, the dissecting rooms being in the wing designated B I, and the laboratories for Histology and Embryology in the wing B II. There are separate rooms for fourth year and graduate students and for various kinds of technical work. The class work is carried on by sections in unit rooms, designed to accommodate either twelve or twenty-four students. There is a large library which contains complete files of the most important anatomical and morphological journals, together with many standard works of reference, and in an adjoining room there is a collection of about fifteen thousand pamphlets. A card catalogue and a classified bibliography give ready access to the literature.

The Embryological Collection is a unique feature of the laboratory. It comprises about twenty-three hundred series of sections of carefully selected vertebrate embryos, and affords therefore opportunities for research in comparative embryology such as cannot be found elsewhere. The collection includes eighty series of sections of human embryos, several of which are of exceptional value, among them being two of the very youngest stages of man yet obtained. The collection of embryological models contains the standard series and many unique original models.

REQUIRED COURSES

ANATOMY A AND B. *First Year.* — The courses of the first year are intended to teach human anatomy, both gross and microscopic, together with the essentials of human embryology and neurology. Half of the time is devoted to work in the dissecting room, the other half to work in the histological and embryological laboratories.

In the study of gross anatomy, students make a complete dissection of one half of the human body, and all of the class dissect the same part at the same time. Four men will be assigned to the same subject, and will work together during

the course. The study of the skeleton is carried on with the dissection, and each student will be provided with a box of bones which may be kept throughout the course. There will be lectures or demonstrations which are arranged to correspond as closely as possible with the work in the dissecting room. These lectures not only will serve as a guide to the regular work in the dissecting room, but also will be used to emphasize those details of human anatomy which the student cannot easily study for himself in his own dissection. Special dissections made by prosectors from the second year class, frozen sections, and various anatomical specimens and preparations will be displayed each day to illustrate and supplement that part of the subject treated in the lecture, or about to be studied in the dissecting room. Students are urged to examine these specimens carefully, and to discuss them informally with the instructors. Students will be quizzed each week on their work in the laboratory by the instructors in charge of their section.

The part of the course dealing with microscopic anatomy is designed to give the student a familiarity with the normal appearances of cells, tissues and organs. As much as is possible in a brief course, the development of tissues and organs is stressed. Opportunity is also given to some extent for the study of fresh tissues. The use of fresh tissues is intended to acquaint the student with the structure of living cells and with evidence of cellular functions. Demonstrations are given from time to time to present the range of histological technique.

The last five weeks of the course of microscopic anatomy are devoted to the study of the central nervous system. The student is given an opportunity to become familiar with the positions and relations of the principal nuclei and tracts of the nervous system by the study of gross specimens and of serial sections through the brain stem. Emphasis is laid on the anatomico-physiological point of view.

FIRST YEAR

HOURS

Lectures. Drs. BREMER, LEWIS, WISLOCKI, GREEN, RIOCH, GRAFFLIN and MORISON. <i>Five lectures a week, first half-year.</i>	96
Demonstrations. <i>To sections of the class, at the pleasure of the instructors.</i>	
Laboratory work. <i>Twenty-one and a half hours a week, first half-year.</i>	344

FOURTH YEAR ELECTIVE COURSES

1. Surgical Anatomy. Drs. GREEN and FARNSWORTH. Whole course, four afternoons weekly, January and February.
2. Advanced Vertebrate Embryology. Dr. LEWIS. Whole course, all day, in a month to be arranged with the instructor.
3. Advanced Histology. Dr. BREMER. Whole course, all day, in a month to be arranged with the instructor.
20. Investigation. Opportunities are offered for students who wish to do special or advanced work.

VOLUNTARY COURSES

20. Advanced Work. Opportunities are offered for advanced work or research in embryology, histology, neurology, or (in so far as material will permit) gross anatomy.
30. Clinical Applied Anatomy. Dr. CHEEVER. Saturdays, 9 to 10 A.M., October through January, P.B.B.H. Open to first year men. (See Surgery 31.)
32. Topographical (Clinical) Anatomy. Dr. HARMER. Tuesdays, 3.15 to 5 P.M., from October 4 to Christmas recess. Open to second, third, and fourth year students and to graduates. There will be a small charge for material.

The Laboratories of Physiology

PHYSIOLOGY

WALTER B. CANNON, M.D., S.D., LL.D., Dr.(hon.), *George Higginson Professor of Physiology.*

ALEXANDER FORBES, M.D., *Professor of Physiology.*

HALLOWELL DAVIS, M.D., *Associate Professor of Physiology.*

ARTURO ROSENBLUTH, M.D., *Assistant Professor of Physiology and Tutor in the Normal Medical Sciences.*

ERNST T. VON BRÜCKE, M.D., *Research Associate in Physiology.*

ROY G. HOSKINS, M.D., *Research Associate in Physiology.*

EDWARD W. DEMPSEY, Ph.D., *Instructor in Physiology.*

B. ROBERT HODES, A.B., *Austin Teaching Fellow in Physiology.*

FRANCIS N. CRAIG, Ph.D., *Teaching Fellow in Physiology.*

JOSEPH E. HAWKINS, Jr., B.A., *Teaching Fellow in Physiology.*

ROBERT H. SMITH, M.D., *Teaching Fellow in Physiology.*

HARRY B. FRIEDGOOD, M.D., *Research Fellow in Physiology and Instructor in Medicine.*

HAIM HAIMOVICI, M.D., *Research Fellow in Physiology and Fellow of the Rockefeller Foundation.*

MILTON O. LEE, Ph.D., *Research Fellow in Physiology.*

COLOMAN LISSAK, M.D., *Research Fellow in Physiology.*

JOAQUIN V. LUCO, M.D., *Research Fellow in Physiology.*

BENIGNA R. MORISON, *Research Fellow in Physiology.*

SOLOMON E. STEIMAN, Ph.D., *Research Fellow in Physiology and Fellow of The National Research Council.*

PER O. THERMAN, M.D., *Research Fellow in Physiology and Fellow of the Rockefeller Foundation.*

UNTO U. UOTILA, M.D., *Research Fellow in Physiology and in Anatomy.*

PHYSIOLOGY, SCHOOL OF PUBLIC HEALTH

CECIL K. DRINKER, M.D., S.D., *Professor of Physiology.*

LAWRENCE T. FAIRHALL, Ph.D., *Assistant Professor of Physiology.*

LOUIS A. SHAW, A.B., *Assistant Professor of Physiology.*

GEORGE H. HITCHINGS, Ph.D., *Associate in Physiology.*

GEORGE SASLOW, Ph.D., *Instructor in Physiology.*

J. WILLIAM HEIM, Ph.D., *Lecturer on Physiology.*

E. PREBLE MOTLEY, *Assistant in Physiology.*

JOSEPH M. YOFFEY, M.Sc., M.D., *Research Fellow in Physiology.*

REQUIRED COURSES

PHYSIOLOGY A. *First Year.* — In the lectures of this course the object is to acquaint the student with the more fundamental concepts of physiology and to consider in detail those portions of the subject that are essential to an understanding of the phenomena of health and disease in man.

The laboratory exercises aim to discipline the student in the method of experimentation as applied to the acquisition of physiological knowledge, and to give him first-hand experience with the principal types of experiment employed in the analysis of function.

Conferences and demonstrations supplement the more formal instruction.

FIRST YEAR

HOURS

Lectures and Laboratory work. Drs. CANNON, DAVIS, and ROSENBLUETH, assisted by other members of the Staff. *Three days a week, second half-year.*

232

FOURTH YEAR ELECTIVE COURSE

20. Physiological Investigation. Drs. CANNON, FORBES, DAVIS, and ROSENBLUETH. Students will not ordinarily be received for less than two full courses.

VOLUNTARY COURSES

31. Physiology of the Endocrine Glands. Drs. CANNON, ROSENBLUETH, and associates. *Second half-year; Tues. and Thurs. afternoons; 1939-40.* Lectures and reading.

32. Physiology of the Central and Autonomic Nervous Systems. Drs. CANNON, DAVIS, ROSENBLUETH, and associates. *Second half-year; Tues. and Thurs. afternoons; 1941-42.* Lectures, reading, and demonstrations.

PHYSICAL CHEMISTRY

LAWRENCE J. HENDERSON, M.D., S.D., Dr. (hon.), *Professor of Biological Chemistry.*

EDWIN J. COHN, Ph.D., *Professor of Biological Chemistry.*

JOHN T. EDSALL, M.D., *Associate Professor of Biological Chemistry and Tutor in Biochemical Sciences.*

RONALD M. FERRY, M.D., *Associate Professor of Biological Chemistry and Tutor in Biochemical Sciences.*

JESSE P. GREENSTEIN, Ph.D., *Research Associate in Physical Chemistry.*

THOMAS L. McMEEKIN, Ph.D., *Research Associate in Physical Chemistry.*

JOHN W. MEHL, Ph.D., *Research Associate in Physical Chemistry.*

WILLIAM C. MORRO, JR. S.M., *Assistant in Physical Chemistry.*

JOSEPH L. SHACK, A.B., *Assistant in Physical Chemistry.*

HERON O. SINGHER, A.B., *Assistant in Physical Chemistry.*

The department of Physical Chemistry in the Medical School is concerned with the physical chemistry of physiological systems and the characterization of their components, such as water, electrolytes, amino acids, peptides, phospholipoids and proteins in terms of physical constants defining their behavior. Special courses of investigation may be arranged to meet the needs of individual students.

FOURTH YEAR ELECTIVE COURSE

20. Research in the Chemistry of Biological Substances and Systems. Drs. COHN, FERRY, and EDSALL. Investigation. Not less than one full course.

VOLUNTARY COURSE

34. Advanced Biological Chemistry. Drs. COHN, FERRY, EDSALL, SALTER, and associates. *Second half-year, Tues. and Thurs. afternoons.* Laboratory work to be arranged.

Biological Chemistry

A. BAIRD HASTINGS, Ph.D., *Hamilton Kuhn Professor of Biological Chemistry.*

CYRUS H. FISKE, M.D., *Professor of Biological Chemistry.*

MILAN A. LOGAN, Ph.D., *Assistant Professor of Biological Chemistry.*

HARRY C. TRIMBLE, Ph.D., *Assistant Professor of Biological Chemistry.*

FRIEDRICH W. KLEMPERER, M.D., *Instructor in Biological Chemistry.*

YELLAPRAGADA SUBBA ROW, M.B., Ph.D., *Instructor in Biological Chemistry.*

OTTO A. BESSEY, M.D., *Research Associate in Biological Chemistry and in Pathology.*

OLIVER H. LOWRY, M.D., *Austin Teaching Fellow in Biological Chemistry.*

BENJAMIN ALEXANDER, M.D., *Research Fellow in Biological Chemistry and Assistant in Medicine.*

MANFRED M. E. KIESE, M.D., *Research Fellow in Biological Chemistry.*

WILLY K. RIEBEN, M.D., *Research Fellow in Biological Chemistry.*

JOHN F. TAYLOR, Ph.D., *Research Fellow in Biological Chemistry.*

REQUIRED COURSES

BIOLOGICAL CHEMISTRY A. *First Year.* — The lectures in this course consist of a brief discussion of the theories of chemical constitution and a survey of those classes of chemical substances which are to be found in animals and plants, and of the general principles and more important facts of physiological chemistry.

The laboratory practice is designed to acquaint the student with some of the more important constituents of living matter and their chemical behavior, and with some of the routine methods of biochemical investigation.

Conferences and discussions of selected topics supplement the main work of the course.

FIRST YEAR

HOURS

Lectures and Laboratory Work. Drs. HASTINGS, FISKE, TRIMBLE, LOGAN, and Assistants. *Three times a week, second half-year.*

232

FOURTH YEAR ELECTIVE COURSE

20. Advanced Work. Students who are especially interested in methods and problems of biological chemistry will be given opportunity to do advanced work.

VOLUNTARY COURSE

30. Advanced Course. Dr. HASTINGS. Time to be arranged.

Bacteriology

HANS ZINSSER, M.D., S.D., *Charles Wilder Professor of Bacteriology and Immunology.*

J. HOWARD MUELLER, Ph.D., *Associate Professor of Bacteriology and Immunology.*

JOHN F. ENDERS, Ph.D., *Assistant Professor of Bacteriology and Immunology.*

LEROY D. FOTHERGILL, M.D., *Silas Arnold Houghton Assistant Professor of Bacteriology and Immunology and Associate in Pediatrics.*

ELLIOTT S. A. ROBINSON, M.D., Ph.D., *Assistant Professor of Applied Immunology.*

BENJAMIN W. CAREY, JR., M.D., *Instructor in Bacteriology and in Pediatrics.*

WILLIAM A. HINTON, M.D., *Instructor in Bacteriology and Immunology and in Preventive Medicine and Hygiene.*

CHARLES A. JANEWAY, M.D., *Instructor in Bacteriology and Immunology.*

FRED W. MORSE, JR., M.D., *Instructor in Bacteriology.*

CARL T. NELSON, D.M.D., *Instructor in Bacteriology.*

ROBERT N. NYE, M.D., *Instructor in Bacteriology and Immunology.*

CAROLINE A. CHANDLER, M.D., *Assistant in Bacteriology and Research Fellow in Obstetrics.*

LOUIS L. DIENES, M.D., *Assistant in Bacteriology and Immunology.*

CHAMP LYONS, M.D., *Assistant in Bacteriology and Instructor in Surgery.*

TIMOTHY J. KUROTCHKIN, M.D., *Research Associate in Bacteriology and Immunology.*

JONATHAN F. MEAKINS, M.D.C.M., *Research Fellow in Bacteriology.*

WILLIAM E. SMITH, M.D., *Research Fellow in Bacteriology.*

The personnel and equipment of the Department of Bacteriology and Immunology are prepared to supply instruction and opportunities for investigation to properly qualified undergraduate and graduate students in general bacteriology, pathogenic bacteriology, and the problems of immunity.

REQUIRED COURSE

BACTERIOLOGY A. *Second Year.* — The required course for medical students is taught by lectures, laboratory work, and conferences. Stress in this course is laid upon those parts of bacteriology and immunology which are directly per-

tinient to the pathology of infectious disease, its practical diagnosis and treatment. The students are introduced as rapidly as possible to the medical problems of bacteriology, and the subjects taught are illustrated by material obtained from the associated hospitals. Immunological and serological technique in its practical aspects is dealt with by group instruction, and the preventive aspects of the physician's duties in relation to infectious diseases are considered as thoroughly as time permits.

	HOURS
Lectures. Drs. ZINSSER, MUELLER, and Staff. <i>Mondays, Wednesdays, and Fridays, first half-year.</i>	48
Laboratory work. Drs. ZINSSER, MUELLER, and Staff. <i>Two hours, Mondays, Wednesdays, and Fridays, first half-year.</i>	96

FOURTH YEAR ELECTIVE COURSE

20. Research. The Department of Bacteriology offers opportunity for special study for one or more months. Students will be accepted for such work and the nature of their studies will be determined by individual conferences between the applicants and members of the staff of the Department.

VOLUNTARY COURSES

31. Diagnostic Serum Reactions. Dr. HINTON. Time individually arranged. Open to second, third, and fourth year students.

32. Immunity. Dr. ZINSSER. Tuesdays, 2 P.M., and Thursdays, 2.30 P.M., November through January. Open to second, third, and fourth year students and graduates.

33a. Applied Immunology (Serums and Vaccines). Dr. ROBINSON. Mondays, Wednesdays, and Fridays, 2 to 5 P.M., May. Massachusetts State Antitoxin Laboratory. Open to third year students and to students especially qualified. Limited to fifteen students and will not be given to fewer than four. Application should be made to Dr. ROBINSON at the Laboratory.

33b. Clinical Bacteriology. Dr. NYE. Tuesdays and Thursdays, 3 P.M., April. B.C.H. Limited to twelve students from the third year class, and will not be given to less than four. Application must be made at least a month in advance.

Pathology

S. BURT WOLBACH, M.D., *Shattuck Professor of Pathological Anatomy.*

FREDERIC PARKER, JR., M.D., *Associate Professor of Pathology.*

GRANVILLE A. BENNETT, M.D., *Assistant Professor of Pathology.*

SIDNEY FARBER, M.D., *Assistant Professor of Pathology.*

TRACY B. MALLORY, M.D., *Assistant Professor of Pathology.*

HENRY PINKERTON, M.D., *Assistant Professor of Pathology.*

SHIELDS WARREN, M.D., *Assistant Professor of Pathology.*

ARTHUR T. HERTIG, M.D., *Associate in Pathology and Instructor in Obstetrics.*

MONROE J. SCHLESINGER, M.D., *Associate in Pathology.*

IRVING B. AKERSON, M.D., *Instructor in Pathology.*

GUY D. AYER, Jr., M.D., *Instructor in Pathology.*

ORVILLE T. BAILEY, M.D., *Instructor in Pathology.*

PAUL E. BOYLE, D.M.D., *Instructor in Pathology.*

BENJAMIN CASTLEMAN, M.D., *Instructor in Pathology.*

GEORGE M. HASS, M.D., *Instructor in Pathology.*

PERCY R. HOWE, D.D.S., S.D., *Instructor in Pathology and Thomas Alexander Forsyth Professor of Dental Science.*

G. KENNETH MALLORY, M.D., *Instructor in Pathology.*

VALY MENKIN, M.D., *Instructor in Pathology.*

J. STEWART ROONEY, M.D., *Instructor in Pathology.*

REUBEN Z. SCHULZ, M.D., *Instructor in Pathology.*

RUELL A. SLOAN, M.D., *Instructor in Pathology.*

OTTO A. BESSEY, Ph.D., *Research Associate in Pathology and in Biological Chemistry.*

J. LEROY CONEL, Ph.D., *Research Fellow in Pathology.*

ALBERT DELAUNAY, M.D., *Research Fellow in Pathology.*

NATHAN RUDO, M.D., *Research Fellow in Pathology.*

REQUIRED COURSES

PATHOLOGY A. Second Year. — The course in Pathology consists of laboratory work and lectures. The basis of the laboratory work is a systematic course in pathological histology. In connection with this there are demonstrations of fresh material and museum specimens and experiments on animals bearing on the subjects studied. For demonstrations, autopsy attendance, and experimental work the students are divided into small sections. The demonstrations and experimental work are given in connection with the subjects which are being studied, in rooms adjoining the main laboratory which are adequately provided with apparatus. Lectures are given three days in the week by Dr. Wolbach and staff. The object of the lecture is to expand and coördinate the knowledge which the student obtains by the study of material and to introduce important recent advances not yet incorporated in text-books. During the entire period of the course groups of students are sent to the various hospitals to see and assist in postmortem examinations. The postmortem material of the Peter Bent Brigham Hospital, the Boston City Hospital, the Massachusetts General Hospital, the Infants' Hospital, the Children's Hospital, the Boston Lying-in Hospital, the Huntington Hospital, the Palmer Memorial Hospital, the House of the Good Samaritan, and the Long Island Hospital is available for instruction. Each group prepares microscopical specimens of the tissues from each autopsy they attend, and immediately afterwards meets for a conference with one of the instructors, when the whole case is reviewed and discussed. At these conferences the clinical history of the case is read, and as far as possible the pathological findings are correlated with the clinical features. No attempt is made to separate the subject of Pathology into general pathology and pathological anatomy, but

the subject is studied as a whole. The more important organs of the body are covered, towards the end of the course, with reference to their special pathology, particularly the blood, liver, spleen, kidneys, pancreas, and genitalia. In teaching, the student is taught methods of work, is given material, and directed, but he is taught to work independently. Tumors and other material coming from the surgical clinics are made full use of in the course. Conferences and recitations will occasionally be substituted for regular laboratory work.

Demonstrations of gross material are held each teaching day in the Warren Museum, which is now an integral part of the Department of Pathology. Special space has been provided for the use of second year students. The Museum is open from Monday to Friday, 9 A.M. to 5 P.M., Saturdays 9 to 12 Noon, and it is extensively utilized by students for purposes of reviews and conferences. Free access to a large collection of unmounted gross material is permitted during museum hours. Special collections are arranged by the Curator and are kept accessible to the students for long periods throughout the teaching course.

In the mornings of January Dr. Tyzzer will give a course of lectures and laboratory exercises on animal parasites, particularly the protozoa and the infections produced by them.

Approximately fifty hours are given to lectures and laboratory work in neuropathology, certain exercises being interdigitated with the course in general pathology, and twelve consecutive exercises in the more special diseases of the nervous system are given in the spring. (See Neuropathology.)

SECOND YEAR

HOURS

Lectures. Dr. WOLBACH and Staff. *Mondays, Wednesdays, and Fridays, for twenty-six weeks.* 76

Laboratory work. Dr. WOLBACH and Staff. *Two and a half hours, Mondays, Wednesdays, and Fridays, first half-year. Section work, two hours, Mondays, Wednesdays, and Fridays, February through March.* 175

FOURTH YEAR ELECTIVE COURSES

1. Advanced Pathology. Dr. T. B. MALLORY. M.G.H. Whole course, all day, or half-course, afternoons, first half-year.
2. Advanced Pathology. Dr. PARKER. B.C.H. Whole course, all day, for one or more months during the school year.
3. Advanced Pathology. Dr. WOLBACH. P.B.B.H. Whole course, all day, for two or more months during the school year.
4. The Pathology of the Endocrine Diseases. Dr. S. WARREN. N.E.D.H. Whole course, all day, offered throughout the school year.

5. The Pathology of Tumors. Dr. S. WARREN. H.M.H. and N.E.D.H. Whole course, all day, for one or more months during the school year.
6. Experimental Pathology. Dr. VALY MENKIN, H.M.S. Whole course, all day, or half course, mornings or afternoons, for two or more months, during the school year.
20. Research. Whole course, mornings or afternoons, offered throughout the year. H.M.S. Arrangements should be made with the head of the Department.

Comparative Pathology and Tropical Medicine

- ERNEST E. TYZZER, M.D., S.D., *George Fabyan Professor of Comparative Pathology.*
 A. WATSON SELLARDS, M.D., *Associate Professor of Comparative Pathology and Tropical Medicine.*
 GEORGE C. SHATTUCK, M.D., A.M., *Clinical Professor of Tropical Medicine.*
 DONALD L. AUGUSTINE, S.D., *Assistant Professor of Helminthology.*
 JOSEPH C. BEQUAERT, Ph.D., *Assistant Professor of Entomology.*
 MARSHALL HERTIG, Ph.D., *Assistant Professor of Medical Entomology.* (Absent during 1938-39.)
 A. HAMILTON RICE, M.D., A.M., *Lecturer on Diseases of South America and Professor of Geographical Exploration.*
 QUENTIN M. GEIMAN, Ph.D., *Instructor in Protozoölogy.* (Absent during 1938-39.)
 ALBERT A. HORNOR, M.D., *Assistant in Tropical Medicine and Instructor in Medicine.*
 DAVID WEINMAN, M.D., *Assistant in Comparative Pathology and Tropical Medicine.*
 JOSEPH M. KMECZA, S.M., *Research Fellow in Comparative Pathology and Tropical Medicine.*

REQUIRED COURSES

COMPARATIVE PATHOLOGY A, PARASITOLOGY. *Second Year.* — Given on Tuesday, Thursday, and Saturday mornings in January. The study of the anatomy and life cycles of the more important species of worms parasitic in the human being is provided for by fresh material for dissection, by stained sections, and by the preserved specimens of the Helminthological Collection. The student is trained to identify these parasites as they appear in the various stages of their development. Parasitic protozoa causing diseases of the human being are also considered with special reference to their identification and life cycles. Human material, cultures, and experimentally infected animals are utilized in the study of these micro-organisms. The field of medical entomology is briefly surveyed, with special reference to the arthropods which transmit human disease.

SECOND YEAR

HOURS

Lectures, demonstrations and laboratory work. Dr. TYZZER and Staff.
 H.M.S. *Three times a week, during January.*

30

FOURTH YEAR ELECTIVE COURSE

20a. Advanced courses and research in Protozoölogy, Helminthology, Medical Entomology and Tropical Medicine may be arranged for qualified students. Drs. TYZZER, SELLARDS, AUGUSTINE, and BEQUAERT.

Pharmacology

WORTH HALE, M.D., *Associate Professor of Pharmacology and Assistant Dean.*

OTTO KRAYER, M.D., *Associate Professor of Pharmacology.*

G. PHILIP GRABFIELD, M.D., *Associate in Pharmacology.*

REQUIRED COURSES

PHARMACOLOGY A. In the second year the instruction is given by lectures, recitations, demonstrations, and a laboratory course in which the students have an opportunity of learning the physical and chemical properties of the more important drugs and of performing experiments illustrating the physiological actions of a number of these. A few exercises are given in pharmacy and materia medica, the work consisting of demonstrations and practical exercises. Some attention is also given to toxicology. During the fourth year an opportunity is offered to students of doing more advanced work in experimental pharmacology.

SECOND YEAR

HOURS

Lectures and demonstrations. Drs. HALE, KRAYER and Staff. <i>One hour, three times a week, first half-year.</i>	48
Lectures, prescription writing, and quizzes. <i>One hour, three times a week, February to May.</i>	36
Laboratory work, <i>Tuesdays, Thursdays, and Saturdays, first three months.</i>	30

Legal Medicine

ALAN R. MORITZ, M.D., *Professor of Legal Medicine.* (Absent during 1938-39.)

WILLIAM J. BRICKLEY, M.D., *Instructor in Legal Medicine.*

REQUIRED COURSE

Third Year — A series of six lectures.

THIRD YEAR

HOURS

✓ Lectures. Staff. H.M.S. October 7 to November 18, inclusive, at 4.15 P.M. 6

Medicine

Under this Division are included Medicine and the specialties relating chiefly to Medicine: — Dermatology and Syphilology, Diseases of the Nervous System (Neurology, Neuropathology, and Psychiatry), Ophthalmology, and Roentgenology.

MEDICINE

HENRY A. CHRISTIAN, M.D., A.M., LL.D., S.D., F.R.C.P., *Hersey Professor of the Theory and Practice of Physic.* 95

JAMES H. MEANS, M.D., *Jackson Professor of Clinical Medicine.* 07

GEORGE R. MINOT, M.D., S.D., F.R.C.P. (Edin.), F.R.C.P. (Lond.), *Professor of Medicine.* 08

C. SIDNEY BURWELL, M.D., LL.D., *Research Professor of Clinical Medicine and Dean* 14

WILLIAM B. CASTLE, M.D., S.M., M.D. (hon.), *Professor of Medicine and Chairman of the Department.* 18

JOSEPH C. AUB, M.D., *Associate Professor of Medicine.* 11

HERRMAN L. BLUMGART, M.D., *Associate Professor of Medicine.* 17

GEORGE W. HOLMES, M.D., *Clinical Professor of Roentgenology.* 02

WALTER BAUER, M.D., *Associate Professor and Tutor in Medicine.* 20

CHESTER S. KEEFER, M.D., *Associate Professor of Medicine.* 18

SOMA WEISS, M.D., *Associate Professor of Medicine.* 21

REGINALD FITZ, M.D., *Lecturer on the History of Medicine.* 06

PAUL D. WHITE, M.D., *Lecturer on Medicine.* 08

FULLER ALBRIGHT, M.D., *Assistant Professor of Medicine.* 21

PATRICK F. BUTLER, M.D., *Assistant Professor of Roentgenology.* -

HENRY JACKSON, JR., M.D., *Assistant Professor of Medicine.* 15

CHESTER M. JONES, M.D., *Assistant Professor of Medicine.* 03

SAMUEL A. LEVINE, M.D., *Assistant Professor of Medicine.* 11

JAMES P. O'HARE, M.D., *Assistant Professor of Medicine.* 09

FRANCIS W. PALFREY, M.D., *Assistant Professor of Medicine.* 18

WILLIAM T. SALTER, M.D., *Assistant Professor of Medicine.* 22

MERRILL C. SOSMAN, M.D., *Assistant Professor of Roentgenology.*

WILLIAM B. BREED, M.D., *Associate in Medicine.* 15

AUSTIN M. BRUES, M.D., *Associate in Medicine.* 26

CLIFFORD L. DERICK, M.D.C.M., *Associate in Medicine.* an

MAXWELL FINLAND, M.D., *Associate in Medicine.* 22

MARSHALL N. FULTON, M.D., *Associate in Medicine and Assistant to the Dean.* 20

SAMUEL L. GARGILL, M.D., *Associate in Medicine.* 25

CLARK W. HEATH, M.D., *Associate in Medicine.* 22

BERNARD M. JACOBSON, M.D., *Associate in Medicine.* 25

T. DUCKETT JONES, M.D., *Associate in Medicine.* 19

DONALD S. KING, M.D., *Associate in Medicine.* 12

ROBERT T. MONROE, M.D., *Associate in Medicine.* 18

WILLIAM P. MURPHY, M.D., *Associate in Medicine.* an

W. RICHARD OHLER, M.D., *Associate in Medicine.* 10

FRANCIS M. RACKEMANN, M.D., *Associate in Medicine.* 09

WYMAN RICHARDSON, M.D., *Associate in Medicine.* 17

JOHN H. TALBOTT, M.D., *Associate in Medicine.* 24

LOWREY F. DAVENPORT, M.D., *Instructor in Medicine.*

HARRY A. DEROW, M.D., *Instructor in Medicine.*

RICHARD DRESSER, M.D., *Instructor in Roentgenology.*

LAURENCE B. ELLIS, M.D., *Instructor in Medicine.*

E. STANLEY EMERY, Jr., M.D., *Instructor in Medicine.*

JAMES M. FAULKNER, M.D., *Instructor in Medicine.*

MAURICE FREMONT-SMITH, M.D., *Instructor in Medicine and Assistant in Psychiatry.*

HARRY B. FRIEDGOOD, M.D., *Instructor in Medicine and Research Fellow in Physiology.*

FRANCIS C. HALL, M.D., *Instructor in Medicine.*

AUBREY O. HAMPTON, M.D., *Instructor in Roentgenology.*

ALBERT A. HORNOR, M.D., *Instructor in Medicine and Assistant in Tropical Medicine.*

ALEXANDER MARBLE, M.D., *Instructor in Medicine.*

F. WILLIAM MARLOW, Jr., M.D., *Instructor in Medicine.*

GEORGE P. REYNOLDS, M.D., *Instructor in Medicine.*

JOSEPH E. F. RISEMAN, M.D., *Instructor in Medicine.*

MAX RITVO, M.D., *Instructor in Roentgenology.*

SAMUEL A. ROBINS, M.D., *Instructor in Roentgenology.*

HOWARD F. ROOT, M.D., *Instructor in Medicine.*

RICHARD SCHATZKI, M.D., *Instructor in Roentgenology.*

RICHARD P. STETSON, M.D., *Instructor in Medicine.*

MAURICE B. STRAUSS, M.D., *Instructor in Medicine.*

JAMES H. TOWNSEND, M.D., *Instructor in Medicine.*

EDWARD C. VOGT, M.D., *Instructor in Roentgenology.*

MAURICE I. ABRAMS, M.D., *Assistant in Medicine.*

BENJAMIN ALEXANDER, M.D., *Assistant in Medicine and Research Fellow in Biological Chemistry.*

MARK D. ALTSCHULE, M.D., *Assistant in Medicine.*

THEODORE L. BADGER, M.D., *Assistant in Medicine.*

MYLES P. BAKER, M.D., *Assistant in Medicine.*

BENJAMIN M. BANKS, M.D., *Assistant in Medicine.*

SAMUEL B. BEASER, M.D., *Assistant in Medicine.*

WALTER O. BLANCHARD, M.D., *Assistant in Medicine.*

EDWARD F. BLAND, M.D., *Assistant in Medicine.*

ALLEN G. BRAILEY, M.D., *Assistant in Medicine.*

MORTON G. BROWN, M.D., *Assistant in Medicine.*

EDWARD BUDNITZ, M.D., *Assistant in Medicine.*

EARLE M. CHAPMAN, M.D., *Assistant in Medicine.*

MILTON H. CLIFFORD, M.D., *Assistant in Medicine.*

ANDREW W. CONTRATTO, M.D., *Assistant in Medicine.*

DAVID DAVIS, M.D., *Assistant in Medicine.*

EUGENE C. EPPINGER, M.D., *Assistant in Medicine and Assistant Medical Adviser.*

JAMES A. HALSTED, M.D., *Assistant in Medicine.*

THOMAS H. HAM, M.D., *Assistant in Medicine.*

- SAUL HERTZ, M.D., *Assistant in Medicine.*
DAVID HURWITZ, M.D., *Assistant in Medicine.*
FRANZ J. INGELFINGER, M.D., *Assistant in Medicine.*
ALFRED KRANES, M.D., *Assistant in Medicine.*
JOHN C. LARKIN, M.D., *Assistant in Roentgenology.*
JACOB LERMAN, M.D., *Assistant in Medicine.*
ALFRED O. LUDWIG, M.D., *Assistant in Medicine.*
WILLIAM M. MAC KAY, M.D.C.M., *Assistant in Medicine.*
ALEXANDER S. MACMILLAN, M.D., *Assistant in Roentgenology.*
BENEDICT F. MASSELL, M.D., *Assistant in Medicine.*
ARNOLD P. MEIKLEJOHN, M.D., *Assistant and Francis Weld Peabody Fellow in Medicine.*
JOSEPH MEYER, M.D., *Assistant in Medicine.*
JOHN P. MONKS, M.D., *Assistant in Medicine.*
MAURICE A. SCHNITKER, M.D., *Assistant in Medicine.*
A. THORNTON SCOTT, M.D., *Assistant in Medicine.*
CHARLES L. SHORT, M.D., *Assistant in Medicine.*
EUGENE A. STEAD, JR., M.D., *Assistant in Medicine.*
GEORGE P. STURGIS, M.D., *Assistant in Medicine.*
JOHN V. WALLER, M.D., *Assistant in Medicine.*
JOHN M. WISE, M.D., *Assistant in Medicine.*
LOUIS ZETZEL, M.D., *Assistant in Medicine.*
DOROTHY R. GILLIGAN, S.M., *Research Associate in Medicine.*
MARIAN W. ROPES, M.D., *Research Associate in Medicine.*
FRANCIS H. L. TAYLOR, Ph.D., *Research Associate in Medicine.*
HYMAN L. NATERMAN, M.D., *Teaching Fellow in Medicine.*
HOWARD C. COGGESHALL, M.D., *Research Fellow in Medicine.*
FREDERICK S. COOMBS, JR., M.D., *Research Fellow in Medicine.*
LEWIS DEXTER, M.D., *Research Fellow in Medicine.*
PIERRE DUSTIN, M.D., *Research Fellow in Medicine and Fellow of the C. R. B. Educational Foundation.*
CARL J. J. H. GESSLER, M.D., *Research Fellow in Medicine and Fellow of the C. R. B. Educational Foundation.*
JOHN G. GIBSON, 2D, M.D., *Research Fellow in Medicine.*
WILLIAM H. GORDON, M.D., *Research Fellow in Medicine.*
ARNOLD IGLAUER, M.D., *Research Fellow in Medicine.*
ROBERT M. KARK, M.D., *Research Fellow in Medicine.*
WILLIAM D. KING, JR., M.D., *Research Fellow in Medicine.*
MAX J. KLAINER, M.D., *Research Fellow in Medicine.*
PAUL KUNKEL, M.D., *Research Fellow in Medicine.*
JESSE C. LOCKHART, M.D., *Research Fellow in Medicine.*
EUGENE L. LOZNER, M.D., *Research Fellow in Medicine.*
JOHN A. LUETSCHER, JR., M.D., *Research Fellow in Medicine.*

JACK D. MYERS, M.D., *Research Fellow in Medicine.*
IRA T. NATHANSON, M.D., *Research Fellow in Medicine.*
RENO R. PORTER, M.D., *Research Fellow in Medicine.*
THERON G. RANDOLPH, M.D., *Research Fellow in Medicine.*
LOWELL A. RANTZ, M.D., *Research Fellow in Medicine.*
ARTHUR ROBERTS, Ph.D., *Research Fellow in Medicine.*
JAMES E. ROBERTSON, M.D., *Research Fellow in Medicine.*
DARREL T. SHAW, M.D., *Research Fellow in Medicine.*
HIRSH W. SULKOWITCH, M.D., *Research Fellow in Medicine.*
ANDREW YEOMANS, M.D., *Research Fellow in Medicine.*
JOHN W. ZELLER, M.D., *Research Fellow in Medicine.*

REQUIRED COURSES

The instruction given by the Department of Medicine consists in lectures, recitations, amphitheatre clinics, practical work in the out-patient departments and wards of the hospitals, and a course in clinical pathology which is given at the Harvard Medical School in the laboratory of the Department. Throughout, an effort is made to correlate the clinical aspects of patients with fundamental principles derived from the basic sciences and to establish in the student's mind the importance of care and precision in diagnostic and therapeutic methods. The time given to the Department of Medicine begins in the second half of the second year and continues throughout the third and fourth years of the medical curriculum.

Second Year. — During the second half of the second year are given a number of lectures and demonstrations introductory to internal medicine. For their practical instruction in the methods of history taking, physical examination, and laboratory technique the students are divided into small groups.

Third Year. — Throughout the third year the subjects of internal medicine are covered by clinics or lectures for the whole class, which are given at the various hospitals or at the Harvard Medical School. For their practical instruction the students are divided into small groups and work in the medical wards or out-patient departments of the four larger hospitals connected with the Medical School. The individual student spends his entire time in one hospital under the direct supervision of instructors especially assigned to small groups of students.

Fourth Year. — In this year for two or three months the students serve mainly as clinical clerks in the medical wards of a general hospital. Part of their time, however, is devoted to acting as assistants in the medical clinic of the out-patient department. Especial emphasis is placed upon the care of the patient as an individual with respect to diagnosis and treatment. With individual variations in the different hospitals, conferences are held for the informal discussion of clinical, pathological, immunological, radiological, social or dietetic problems of

selected cases. Students have special instruction in the problems of tuberculosis at the Middlesex County Sanatorium.

VOLUNTARY AND ELECTIVE COURSES

Numerous opportunities, in the form of voluntary courses, are offered throughout the academic year to students of the second, third, and fourth year classes. These courses vary in number and in the subjects covered from year to year.

In addition to the required courses for fourth year students the Department offers several opportunities for specially qualified students to take advanced elective courses and to carry on research problems in internal medicine.

FACILITIES FOR INSTRUCTION

The instruction is given at the Harvard Medical School, the Massachusetts General Hospital, the Boston City Hospital, the Peter Bent Brigham Hospital, the Beth Israel Hospital and several other hospitals devoted to special purposes. In these hospitals abundant and varied clinical material is available for the conduct of the numerous exercises.

SECOND YEAR

HOUR

- Lectures and demonstrations on physical diagnosis and introductory aspects of clinical medicine. Dr. JACKSON and Associates. *Four times a week.* 61
- Section teaching in physical diagnosis and history taking. Dr. JACKSON and Assistants. M.G.H., B.C.H., B.I.H. and H.G.S., in association with certain sanatoria. *Each student has twenty-four exercises.* 60
- Lectures and laboratory exercises in clinical pathology. Dr. SALTER and Assistants. H.M.S. *Three times a week.* 96

THIRD YEAR

217

- ✓ Lectures, recitations, and clinics on selected topics in internal medicine. Drs. CHRISTIAN, MINOT, MEANS, BLUMGART, AUB, and Associates. *Throughout the year.* 64
- Exercises in sections in the wards and out-patient departments at the M.G.H., B.C.H., P.B.B.H., and B.I.H. *Each section has thirty-two exercises of two and a half hours each and twenty-one exercises of three hours each.* 143

FOURTH YEAR

- Clinical clerkships at M.G.H. (Medicine C1, Dr. MEANS and Associates) B.C.H. (Medicine C2, Dr. MINOT and Associates), P.B.B.H. (Medicine C3, Dr. CHRISTIAN and Associates), *throughout the year*, or B.I.H. (Medicine C4, Dr. BLUMGART and Associates, *from August to January inclusive*).

288 or 432

ELECTIVE COURSES IN MEDICINE

FOURTH YEAR

5. Advanced studies in Medicine. Dr. MEANS and Associates. M.G.H.
6. Advanced studies in Medicine. Drs. MINOT, CASTLE, KEEFER, WEISS, and Associates. B.C.H.
7. Advanced studies in Medicine. Dr. CHRISTIAN. P.B.B.H.
8. Advanced studies in Medicine. Dr. BLUMGART. B.I.H.
9. Roentgenology. Drs. HOLMES (M.G.H.), BUTLER, (B.C.H.), and SOSMAN (P.B.B.H.).
10. Advanced studies in Medicine. Diabetes. Dr. ROOT and Associates. N.E.D.H.
11. Advanced Medicine. Neoplastic Disease. Drs. AUB, DRESSER, SALTER, SIMMONS, WARREN, and Associates. H.M.H.
12. Medical and Neurological Sociology. Drs. MINOT, PUTNAM, REYNOLDS, and Assistants in conjunction with the Department of Neurology and the Social Service Department. B.C.H.

VOLUNTARY COURSES IN MEDICINE

30. Clinical Medicine. Opportunities for experience in clinical investigation will be given at the B.C.H. to a limited number of properly qualified students. Individual arrangements should be made by personal application to Dr. MINOT or Dr. WEISS.
- 32a. Psychogenic Symptoms in Medical Practice. Drs. COBB, C. M. JONES, and Associates. Tuesdays and Thursdays, 2 to 4 P.M., October 4 to 27, M.G.H. (See Neurology 30a.)
- 32c. Diseases of the Digestive System. Dr. BANKS. Tuesdays, 2 to 3.30 P.M., and Thursdays, 2.30 to 4 P.M., January, B.I.H.
33. Diseases of the Heart. Drs. P. D. WHITE, SPRAGUE, and BLAND. Tuesdays, 2 to 4 P.M., and Thursdays, 2.30 to 4.30 P.M., November, M.G.H.
- 34a. Diseases of the Lungs. Drs. BADGER and MALLORY. Thursdays, 2 to 4 P.M., November and December, B.C.H.
- 34b. Diseases of the Thyroid. Drs. GARGILL and FINE. Tuesdays, 3.30 to 5 P.M., December and January, B.I.H.
- 34c. Metabolic Diseases. Dr. AUB and Associates. Tuesdays, 2 to 4 P.M., and Thursdays, 2.30 to 4.30 P.M., January, H.M.H.
- 35a. Clinical Allergy. Dr. NATERMAN. Tuesdays, 2 to 3.30 P.M., and Thursdays, 2.30 to 4 P.M., December, B.I.H.
- 36b. Hypertensive Disease and Nephritis. Dr. DEROW. Tuesdays, 2 to 3.30 P.M., and Thursdays, 2.30 to 4 P.M., February, B.I.H.

- 37a. Problems of Private Practice. Dr. REYNOLDS. Thursdays, 3.30 to 5 P.M., February. Place of conference to be arranged with instructor.
- 37b. Diseases of the Thyroid and other Endocrines. Drs. MEANS, ALBRIGHT, and HERTZ. Tuesdays, 2 to 4 P.M., and Thursdays, 2.30 to 4.30 P.M., February, M.G.H. (Not to be given during 1938-39.)
- 37c. Diagnosis and Treatment of Heart Disease. Drs. BLUMGART, RISEMAN, ALTSCHULE, and Associates. Tuesdays, 2 to 4 P.M., and Thursdays, 2.30 to 4.30 P.M., March, B.I.H.
38. Correlation of Symptoms and Physical Signs in Practical Diagnosis and Treatment. Drs. OHLER, PALFREY, and HURWITZ. Tuesdays, 2 to 4 P.M., March and April, H.M.S. and B.C.H.
- 39b. Diabetes. Dr. MARBLE. Tuesdays, 2 to 4 P.M., and Thursdays, 2.30 to 4.30 P.M., March, N.E.D.H.
40. Clinical Application of Physiological Principles. Dr. BLUMGART and Associates. Time and titles of clinics to be announced. B.I.H.
41. Diabetes. Drs. ROOT and MARBLE. Tuesdays, 8.30 to 10 A.M., October through May, N.E.D.H.

DERMATOLOGY AND SYPHILOLOGY

- C. GUY LANE, M.D., *Lecturer on Dermatology and Syphilology.*
- JACOB H. SWARTZ, M.D., *Instructor in Dermatology and Syphilology.*
- JOHN ADAMS, JR., M.D., *Assistant in Dermatology and Syphilology.*
- AUSTIN W. CHEEVER, M.D., *Assistant in Dermatology and Syphilology.*
- G. MARSHALL CRAWFORD, M.D., *Assistant in Dermatology and Syphilology.*
- JOSEPH GOODMAN, M.D., *Assistant in Dermatology and Syphilology.*
- IRVIN H. BLANK, Ph.D., *Research Fellow in Dermatology and Syphilology.*

REQUIRED COURSES

Third Year. — In the first half year five lectures are given. The most important diseases of the skin and syphilis are reviewed briefly with the aid of lantern slides. Section work at the Massachusetts General Hospital and Beth Israel Hospital provides ample material for each student to become familiar with the manifestations of the most common diseases of the skin and syphilis. Emphasis is placed upon the typical features of these diseases, differential diagnosis and treatment.

THIRD YEAR

HOURS

Lectures. Dr. LANE. H.M.S. *Five lectures, first half-year.*

5

Section work. Clinical Dermatology and Syphilology. Drs. LANE, SWARTZ, CHEEVER, ADAMS, CRAWFORD, and GOODMAN. M.G.H. and B.I.H. *Each student attends ten or eleven exercises of three hours each.*

32

(2-1/2)

FOURTH YEAR ELECTIVE COURSES

1. Clinical Dermatology. Dr. LANE and Assistants. M.G.H. Half-course, forenoons, October, December, February, and April.
2. Advanced Dermatology. Dr. LANE and Assistants. M.G.H. (Clinical clerkship.) Whole course, all day, October, December, February, and April.

DISEASES OF THE NERVOUS SYSTEM

This department is composed of three divisions: —

1. PSYCHIATRY, under Dr. CAMPBELL, at the Boston Psychopathic Hospital
2. NEUROLOGY, under Dr. AYER, at the Massachusetts General Hospital, and Dr. PUTNAM, at the Boston City Hospital. (Dr. CROTHERS, at the Children's Hospital, in association with the Department of Pediatrics, will give instruction in nervous diseases of children.)
3. NEUROPATHOLOGY, under Dr. COBB, at the Harvard Medical School.

JAMES B. AYER, M.D., *James Jackson Putnam Professor of Neurology and Chairman of the Department.*

C. MACFIE CAMPBELL, M.D., *Professor of Psychiatry.*

STANLEY COBB, M.D., *Bullard Professor of Neuropathology.*

TRACY J. PUTNAM, M.D., *Professor of Neurology.*

ABRAHAM MYERSON, M.D., *Clinical Professor of Psychiatry.*

HARRY C. SOLOMON, M.D., *Associate Professor of Psychiatry.*

JACOB E. FINESINGER, M.D., *Assistant Professor of Psychiatry.*

WILLIAM G. LENNOX, M.D., S.D., *Assistant Professor of Neurology.*

H. HOUSTON MERRITT, M.D., *Assistant Professor of Neurology.*

F. LYMAN WELLS, Ph.D., *Assistant Professor of Psychology.*

GAYLORD P. COON, M.D., *Associate in Psychiatry.*

HENRY S. FORBES, M.D., *Associate in Neuropathology.*

M. RALPH KAUFMAN, M.D.C.M., *Associate in Psychiatry.*

MERRILL MOORE, M.D., *Associate in Psychiatry.*

HENRY R. VIETS, M.D., *Associate in Neurology.*

LEO ALEXANDER, M.D., *Instructor in Neurology.*

WILFRED BLOOMBERG, M.D., *Instructor in Neurology.*

G. COLKET CANER, M.D., *Instructor in Neurology.*

GEORGE CLYMER, M.D., *Instructor in Neurology.*

KNOX H. FINLEY, M.D., *Instructor in Psychiatry.*

ROBERT E. FLEMING, M.D., *Instructor in Psychiatry.*

FREDERIC A. GIBBS, M.D., *Instructor in Neurology.*

CHARLES S. KUBIK, M.D., *Instructor in Neurology and in Neuropathology.*

ERICH LINDEMANN, M.D., *Instructor in Psychiatry.*

CHARLES A. McDONALD, M.D., *Instructor in Neurology.*

DONALD J. MACPHERSON, M.D., *Instructor in Neuropathology.*

JOSEPH J. MICHAELS, M.D., *Instructor in Psychiatry.*

OSCAR J. RAEDER, M.D., *Instructor in Psychiatry.*

DAVID ROTHSCHILD, M.D., *Instructor in Psychiatry.*

HANNS SACHS, Dr. Jur., *Instructor in Psychology.*

KENNETH J. TILLOTSON, M.D., S.M., *Instructor in Psychiatry.*

THEODORE J. C. VON STORCH, M.D., *Instructor in Neurology.*

RAYMOND D. ADAMS, M.D., *Assistant in Neurology and Fellow of the Rockefeller Foundation.*

NIELS L. ANTHONISEN, M.D., *Assistant in Psychiatry.*

ROBERT A. CLARK, M.D., *Assistant in Psychiatry.*

MANDEL E. COHEN, M.D., *Assistant in Neuropathology.*

EDWIN M. COLE, M.D., *Assistant in Neurology.*

SAMUEL H. EPSTEIN, M.D., *Assistant in Neurology and in Psychiatry.*

MAURICE FREMONT-SMITH, M.D., *Assistant in Psychiatry and Instructor in Medicine.*

PAUL F. A. HOEFER, M.D., *Assistant in Neurology.*

EDGERTON McC. HOWARD, M.D., *Assistant in Psychiatry.*

RALPH W. HUNTER, M.D., *Assistant in Neurology.*

CHARLES M. KRINSKY, M.D., *Assistant in Psychiatry.*

LAWRENCE R. MORRISON, M.D., *Assistant in Neuropathology.*

WILLIAM F. ORR, JR., M.D., *Assistant in Neurology.*

RUDOLF OSGOOD, M.D., *Assistant in Neuropathology.*

AUGUSTUS S. ROSE, M.D., *Assistant in Neurology.*

ROBERT S. SCHWAB, M.D., *Assistant in Neurology.*

PHILIP SOLOMON, M.D., *Assistant in Neurology and in Neuropathology.*

PAUL I. YAKOVLEV, M.D., *Assistant in Neurology.*

IRMA BACKE, M.D., *Research Associate in Psychiatry.*

FRANK C. D'ELSEAUX, M.D., *Research Associate in Psychiatry.*

ALEXANDRA ADLER, M.D., *Research Fellow in Neurology.*

CLEMENS E. BENDA, M.D., *Research Fellow in Neuropathology.*

FELIX DEUTSCH, M.D., *Research Fellow in Psychiatry.*

M. GENEVA GRAY, Ph.D., *Research Fellow in Neurology.*

VOLTA R. HALL, JR., M.D., *Research Fellow in Psychiatry.*

SARAH G. MAZICK, M.D., *Research Fellow in Psychiatry.*

ELSE S. NEUSTEDT, M.D., *Research Fellow in Psychiatry.*

JERRY C. PRICE, M.D., *Research Fellow in Neurology.*

JOHN ROMANO, M.D., *Research Fellow in Neurology and Fellow of the Rockefeller Foundation.*

MILTON ROSENBAUM, M.D., *Research Fellow in Psychiatry.*

GEORGE F. SUTHERLAND, M.D.C.M., *Research Fellow in Neuropathology.*

MARIANNA TAYLOR, M.D., *Research Fellow in Psychiatry.*

ROBERT A. YOUNG, Ed.D., *Research Fellow in Psychology.*

NEUROLOGY

REQUIRED COURSES

Second Year. — Clinical lectures are given at the Massachusetts General and Boston City Hospitals to the entire class. The object of the course is to give the student a general knowledge of the principles of diagnosis and treatment of diseases of the nervous system as a preparation for later work.

Third Year. — Clinical lectures are given during December and January of the third year, at the Massachusetts General Hospital and the Boston City Hospital. The members of the class are also required to work in the neurological service at the M.G.H. or B.C.H. in sections during the year. For this work the more didactic teaching of the second year serves as a necessary preparation. The work is practical in character and serves to bring the student into immediate contact with patients.

SECOND YEAR

HOURS

Clinical lectures. Dr. AYER, M.G.H. and Dr. PUTNAM, B.C.H. 15

THIRD YEAR

Clinical lectures. Dr. AYER, M.G.H. and Dr. PUTNAM, B.C.H. *Last eight Saturdays in first half-year.* 8

Section teaching. Each student attends ten or eleven two-and-a-half-hour exercises in Neurology. M.G.H. and B.C.H. 27

FOURTH YEAR ELECTIVE COURSES

1. Neurology. Whole course (clerkship), all day, M.G.H. or B.C.H.
2. Advanced Neurology. Special opportunities are offered to those who intend to enter this field of medicine, at the M.G.H. with Dr. AYER or at the B.C.H. with Dr. PUTNAM.
3. Medical and Neurological Sociology. Drs. MINOT, PUTNAM, REYNOLDS, MOORE, and Assistants in conjunction with the Department of Medicine and the Social Service Department. B.C.H. (See Medicine 12.)

VOLUNTARY COURSES

- 30a. Psychogenic Symptoms in Medical Practice. Drs. COBB, C. M. JONES, and Associates. Tuesdays and Thursdays, 2 to 4 P.M., October 4 to 27, M.G.H. (See Medicine 32a.)

NEUROPATHOLOGY

REQUIRED COURSE

NEUROPATHOLOGY A. *Second Year.* — The course consists of lectures, laboratory work, and demonstrations, amounting to fifty-four hours. The exercises are appropriately integrated with the clinical lectures in Neurology. The lectures

introduce conceptions of value for the third year courses in neurology and psychiatry and for the neurological parts of courses in internal medicine and in surgery. The histopathological part of the laboratory work deals with the inflammatory reactions, the classical degenerations, etc. Gross pathological specimens are also shown and physiological demonstrations are given to illustrate living pathological processes.

SECOND YEAR

HOURS

Lectures and laboratory work. The Staff. *Three times a week, for six weeks.* 54

FOURTH YEAR ELECTIVE COURSE

20. Research. Opportunities for research are available at the Laboratories of the M.G.H., B.C.H., and H.M.S. Time to be arranged.

VOLUNTARY COURSE

30b. Pathology of the Nervous System. Drs. MERRITT and KUBIK. Tuesdays and Thursdays, 2 to 5 P.M., October, H.M.S.

30c. Advanced Neuropathology. Dr. LEO ALEXANDER. Tuesdays and Thursdays, 2 P.M., February and March, B.C.H.

30d. Neuropathology. Dr. PAUL I. YAKOVLEV. Metropolitan State Hospital, Waltham. Time to be arranged.

PSYCHIATRY

REQUIRED COURSES

First Year. — Medical Psychology. Physiology deals with the reactions of the various organs and systems; psychology deals with the reactions of the individual to the environment. In this course on medical psychology the student will have an opportunity of studying briefly the emotional reactions, their modification by experience, the rôle played in these reactions by the various systems; the ability to receive, elaborate, store, and reactivate impressions; variations in constitutional endowment; special lines of weakness; the importance of personal factors in medicine in general, and especially in relation to nervous and mental disorders.

Third Year. — During the second half-year clinical lectures will be given once a week at the Psychopathic Hospital. An endeavor will be made to present examples of the most important varieties of mental disorder, with special emphasis on the mild and incipient cases which are frequently treated by the general practitioner. More attention will be given to the dynamic analysis and the practical problems of the individual case than to questions of formal classification. Some examples of nervous and mental disorders of childhood will be presented.

For bed-side work the class is divided into small sections, and each student will be given opportunity for personally studying individual cases.

FIRST YEAR

HOURS

Lectures on Medical Psychology. Dr. CAMPBELL. B.P.H. *Once a week, for ten weeks.*

10

THIRD YEAR

Clinical lectures. Drs. CAMPBELL, SOLOMON, and COON. B.P.H. *Once a week, second half-year.*

16

Section teaching: Each student attends ten or eleven three-hour exercises.

32

FOURTH YEAR ELECTIVE COURSE

4. Psychiatry. Dr. CAMPBELL and Associates. B.P.H. Whole course, all day, or half-course, forenoons, offered throughout the year.
5. Psychiatry. Dr. COBB and Staff. M.G.H. Clinical clerkships on Psychiatric ward and O.P.D. Limited to one man each month. Whole course, all day.

VOLUNTARY COURSES

31. Principles of Psychotherapy. Dr. M. RALPH KAUFMAN. Tuesdays, 2 P.M., and Thursdays, 2.30 P.M., November, B.P.H.
32. Psychiatry. Staff of the Department of Psychiatry, Tuesdays, 2 to 3 P.M., and Thursdays, 2.30 to 3.30 P.M., December and January, B.P.H.
33. Psychoanalysis. Dr. SACHS. Tuesdays and Thursdays, 4.30 P.M., November, Neuropsychiatric Laboratory, M.G.H.
36. Experimental Studies on Anxiety. Drs. FINESINGER and LINDEMANN. Tuesdays and Thursdays, 4.30 P.M., February, Neuropsychiatric Laboratory, M.G.H.

OPHTHALMOLOGY

J. HERBERT WAITE, M.D., S.D., *Clinical Professor of Ophthalmology.*

WILLIAM P. BEETHAM, M.D., *Instructor in Ophthalmology.*

VIRGIL G. CASTEN, M.D., *Instructor in Ophthalmology.*

PAUL A. CHANDLER, M.D., *Instructor in Ophthalmology.*

EDWIN B. DUNPHY, M.D., *Instructor in Ophthalmology.*

EDWIN B. GOODALL, M.D., *Instructor in Ophthalmology.*

TRYGVE GUNDERSEN, M.D., *Instructor in Ophthalmology and in Ophthalmic Research.*

MERRILL J. KING, M.D., *Instructor in Ophthalmology and in Ophthalmic Research.*

HUGO B. C. RIEMER, M.D., *Instructor in Ophthalmology.*

BENJAMIN SACHS, M.D., *Instructor in Ophthalmology.*

THEODORE L. TERRY, M.D., *Instructor in Ophthalmology.*

DAVID G. COGAN, M.D., *Assistant in Ophthalmology and in Ophthalmic Research.*

MAHLON T. EASTON, M.D., *Assistant in Ophthalmology.*

HERMAN P. GROSSMAN, M.D., *Assistant in Ophthalmology.*

BRENDAN D. LEAHEY, M.D., *Assistant in Ophthalmology.*

S. FORREST MARTIN, M.D., *Assistant in Ophthalmology.*

HARRY K. MESSENGER, Ph.D., M.D., *Assistant in Ophthalmology and in Ophthalmic Research.*

GARRETT L. SULLIVAN, M.D., *Assistant in Ophthalmology.*

REQUIRED COURSES

First Year. — Instruction in anatomy and physiology of the eye.

Second Year. — Instruction in pathology and pharmacology of the eye, and in optics of the ophthalmoscope.

Third Year. — Instruction in clinical ophthalmology consists of: —

- | | HOURS |
|--|-------|
| 1. Eleven clinical exercises, in sections of eight men, 10 A.M. to 1 P.M., at the Massachusetts Eye and Ear Infirmary. <i>(10-12.30)</i> | 27 |
| ✓ 2. Four lectures on clinical ophthalmology at the Medical School, at 8.30 A.M., Tuesdays in May. | 4 |

ELECTIVE COURSES

Fourth Year. — Instruction in ophthalmology consists of: —

1. Clinical Ophthalmology. Drs. WAITE and RIEMER. Whole course, mornings, occupying two months. Limited to four men a month. M.E. and E.I.
2. Clinical Ophthalmology. Drs. WAITE and RIEMER. Half-course, mornings, occupying one month. Comprises the first month of Ophthalmology I. Limited to four men a month. M.E. and E.I.

Lucien Howe Laboratory of Ophthalmology

FREDERICK H. VERHOEFF, M.D., A.M., *Professor of Ophthalmic Research, Director.*
 TRYGVE GUNDERSEN, M.D., *Instructor in Ophthalmic Research and in Ophthalmology.*
 CLYDE E. KEELER, S.D., *Instructor in Ophthalmic Research.* (Absent during 1938-39.)

MERRILL J. KING, M.D., *Instructor in Ophthalmic Research and in Ophthalmology.*

ELEK J. LUDVIGH, 2d., Ph.D., *Instructor in Ophthalmic Research.*

DAVID G. COGAN, M.D., *Assistant in Ophthalmic Research and in Ophthalmology.*

HARRY K. MESSENGER, Ph.D., M.D., *Assistant in Ophthalmic Research and in Ophthalmology.*

Z. WILLIAM COLSON, M.D., *Fellow in Ophthalmic Research.*

The Lucien Howe Laboratory of Ophthalmology was founded in 1927 by the late Dr. Lucien Howe. A sum of money equal to that given by Dr. Howe was donated by the Rockefeller Foundation. Laboratory space was provided by the Massachusetts Eye and Ear Infirmary. Dr. Howe was the first director of the laboratory, but the laboratory was not definitely organized until August 1, 1931.

The purpose of the laboratory is to advance ophthalmology, and its researches

will not be restricted to any particular phase of this science. Advantage will be taken of the rich clinical material of the Infirmary. While the laboratory is purely an institution for research, the services of the various members of the staff are available for teaching in the Harvard Medical School and for assistance in the clinical work of the Infirmary.

ROENTGENOLOGY

Instruction will be given (a) to students during their section work in general medicine and surgery at the various hospitals. Demonstrations to the entire sections once a week throughout the School year; (b) to the class as a whole, lectures of one hour each on the following subjects: the lungs, the heart, the gastro-intestinal tract and irradiation therapy. For courses offered in the fourth year, see Medicine 9.

Pediatrics

KENNETH D. BLACKFAN, M.D., *Thomas Morgan Rotch Professor of Pediatrics.*

JAMES L. GAMBLE, M.D., S.M., *Professor of Pediatrics.*

CHARLES F. MCKHANN, M.D., *Associate Professor of Pediatrics and Communicable Diseases.*

ALLAN M. BUTLER, M.D., *Assistant Professor of Pediatrics.*

BRONSON CROTHERS, M.D., *Assistant Professor of Pediatrics.*

HAROLD L. HIGGINS, M.D., *Assistant Professor of Pediatrics.*

RICHARD M. SMITH, M.D., S.D., *Assistant Professor of Pediatrics and Child Hygiene.*

HAROLD C. STUART, M.D., *Assistant Professor of Pediatrics and Child Hygiene.*

LOUIS K. DIAMOND, M.D., *Associate in Pediatrics.*

R. CANNON ELEY, M.D., *Associate in Pediatrics and Communicable Diseases.*

LEROY D. FOTHERGILL, M.D., *Associate in Pediatrics and Silas Arnold Houghton Assistant Professor of Bacteriology and Immunology.*

CONRAD WESSELHOEFT, M.D., *Associate in Communicable Diseases.*

RANDOLPH K. BYERS, M.D., *Instructor in Pediatrics.*

BENJAMIN W. CAREY, JR., M.D., *Instructor in Pediatrics and in Bacteriology.*

STEWART H. CLIFFORD, M.D., *Instructor in Pediatrics and Child Hygiene.*

JOHN A. V. DAVIES, M.D., *Instructor in Pediatrics.*

PAUL W. EMERSON, M.D., *Instructor in Pediatrics.*

RICHARD S. EUSTIS, M.D., *Instructor in Pediatrics.*

HENRY E. GALLUP, M.D., *Instructor in Pediatrics.*

JOSEPH GARLAND, M.D., *Instructor in Pediatrics.*

LEWIS W. HILL, M.D., *Instructor in Pediatrics.*

ELIOT HUBBARD, JR., M.D., *Instructor in Pediatrics.*

ARTHUR B. LYON, M.D., *Instructor in Pediatrics.*

EDWARD S. O'KEEFE, M.D., *Instructor in Pediatrics.*

ELI C. ROMBERG, M.D., *Instructor in Pediatrics.*

WARREN R. SISSON, M.D., *Instructor in Pediatrics.*

ABRAHAM S. SMALL, M.D., *Instructor in Pediatrics and Child Hygiene.*
CLEMENT A. SMITH, M.D., *Instructor in Pediatrics.*
EDWARD C. SMITH, M.D., *Instructor in Communicable Diseases.*
PHILIP H. SYLVESTER, M.D., *Instructor in Pediatrics.*
RICHARD C. TEFFT, JR., M.D., *Instructor in Pediatrics.*
EDWARD L. TUOHY, M.D., *Instructor in Pediatrics and Child Hygiene.*
EDWIN T. WYMAN, M.D., *Instructor in Pediatrics.*
LEO B. BURGIN, M.D., *Assistant in Pediatrics.*
DAVID H. CLEMENT, M.D., *Assistant in Pediatrics.*
EDWARD C. CURNEN, JR., M.D., *Assistant in Pediatrics.*
RALPH W. DAFFINEE, M.D., *Assistant in Pediatrics.*
DON W. FREEMAN, M.D., *Assistant in Pediatrics.*
GEORGE E. GARDNER, M.D., *Assistant in Pediatrics.*
STANTON GARFIELD, M.D., *Assistant in Pediatrics.*
JOHN P. HUBBARD, M.D., *Assistant in Pediatrics.*
THEODORE H. INGALLS, M.D., *Assistant in Pediatrics.*
JOSEPH L. LEWIS, M.D., *Assistant in Pediatrics.*
WILFRED L. MCKENZIE, M.B., *Assistant in Pediatrics.*
CHARLES D. MAY, M.D., *Assistant in Pediatrics.*
DOROTHEA M. MOORE, M.D., *Assistant in Pediatrics.*
ROBERT T. MOULTON, M.D., *Assistant in Pediatrics.*
HENRY N. PRATT, M.D., *Assistant in Pediatrics.*
RALPH A. ROSS, M.D., *Assistant in Pediatrics.*
LONDON SNEDEKER, M.D., M.P.H., *Assistant in Pediatrics.*
HARVEY SPENCER, M.D., *Assistant in Pediatrics.*
WILLIAM J. TURTLE, M.D., *Assistant in Pediatrics.*
CHARLES F. WALCOTT, M.D., *Assistant in Communicable Diseases.*
ARDA A. GREEN, M.D., *Research Associate in Pediatrics.*
ELIZABETH E. LORD, Ph.D., *Research Associate in Pediatrics.*
ALFRED T. SHOHL, M.D., *Research Associate in Pediatrics.*
GEOFFREY EDSALL, M.D., *Research Fellow in Pediatrics.*

REQUIRED COURSES

Second Year. — Lectures are given during the second year to familiarize the students with the study of children's diseases before they come into contact with patients. In this series are discussed the physiology of nutrition and the principles of infant feeding, the anatomical and physiological differences between children and adults, a consideration of the normal growth and development of children and the physiology and pathology of extracellular body fluids.

Third Year. — 1. Eight whole class exercises are given during the first half-year, in which the more important aspects of the diseases of childhood are presented. Three whole class lectures, on special subjects, are assigned to pediatrics

by the Department of Medicine. Six whole class lectures are conducted in collaboration with the Department of Preventive Medicine. Each section, during its assignment to the Children's Hospital for thirty-two days, receives correlated instruction in pediatrics, surgery, orthopaedic surgery, etc.

2. Section teaching: The students are assigned to the out-patient department for eleven periods (three hours each) where under the supervision of instructors they receive actual experience in history taking, physical examination and the care of infants and children. Conference hours are held in which certain aspects of pediatrics are illustrated by didactic talks, by demonstration and by quizzes on assigned reading. Five clinics are held at which the students present cases for discussion before the entire section. Five afternoon exercises during each period are devoted to the study of communicable diseases. Three of these hours are held in the Isolation Division of the Children's Hospital and two at the Haynes Memorial Hospital for Contagious Diseases. Five conferences are given for instruction in the examination and care of the normal infant and child.

Fourth Year. — The fourth year work consists of instruction at the Children's Hospital and the Infants' Hospital, or at the Children's Department of the Massachusetts General Hospital. The students act as clinical clerks.

An opportunity is offered each student to work one afternoon a week in a child health conference in order to acquire experience in preventive pediatrics. Instruction in Communicable Diseases is given at the Children's Hospital and at the Haynes Memorial Hospital. Two conferences in Mental Hygiene are held. Instruction in the diseases of the newly born is given at the Boston Lying-in Hospital two afternoons a week to the students during their obstetrical service.

SECOND YEAR

HOURS

Clinical Lectures. C.H. <i>Second half-year.</i>	9
--	---

THIRD YEAR

Clinical Lectures. C.H. <i>First half-year.</i>	8
Section Teaching. C.H. and I.H. <i>Throughout the year.</i>	63

FOURTH YEAR

Clinical clerkship. C.H. and I.H., or M.G.H.	144
Clinico-Pathological Conference. Drs. BLACKFAN and WOLBACH. C.H. <i>Wednesdays, 12-1.</i> For third and fourth year students.	

FOURTH YEAR ELECTIVE COURSES

3. Pediatrics. Whole course, all day, C.H. and I.H.
4. Advanced Pediatrics. Whole course, all day, M.G.H.
5. Advanced Pediatrics. Half-course, mornings, C.H.

Obstetrics

- FREDERICK C. IRVING, M.D., *William Lambert Richardson Professor of Obstetrics.*
- THOMAS R. GOETHALS, M.D., *Assistant Professor of Obstetrics.*
- FOSTER S. KELLOGG, M.D., *Assistant Professor of Obstetrics.*
- DELOS J. BRISTOL, Jr., M.D., *Instructor in Obstetrics.*
- JOSEPH P. COHEN, M.D., *Instructor in Obstetrics.*
- ARTHUR T. HERTIG, M.D., *Instructor in Obstetrics and Associate in Pathology.*
- JUDSON A. SMITH, M.D., *Instructor in Obstetrics.*
- HAROLD M. TEEL, M.D., *Instructor in Obstetrics and in Maternal Health.*
- DANIEL ABRAMSON, M.D., *Assistant in Obstetrics.*
- SAUL BERMAN, M.D., *Assistant in Obstetrics.*
- BENJAMIN F. CORNWALL, M.D., *Assistant in Obstetrics.*
- JOHN A. COYNE, M.D., *Assistant in Obstetrics.*
- MARION F. EADES, M.D., *Assistant in Obstetrics.*
- JOSEPH D. FERRONE, M.D., *Assistant in Obstetrics.*
- A. GORDON GAULD, M.D., *Assistant in Obstetrics.*
- PAUL GUSTAFSON, M.D., *Assistant in Obstetrics.*
- MEINOLPH V. KAPPIUS, M.D., *Assistant in Obstetrics.*
- DANIEL J. MCSWEENEY, M.D., *Assistant in Obstetrics and in Gynaecology.*
- H. BRISTOL NELSON, M.D., *Assistant in Obstetrics.*
- JOHN L. NEWELL, M.D., *Assistant in Obstetrics.*
- CHARLES P. SHELDON, M.D., *Assistant in Obstetrics.*
- W. T. SHERMAN THORNDIKE, M.D., *Assistant in Obstetrics.*
- PETER F. WEISS, M.D., *Assistant in Obstetrics.*
- DONALD MACOMBER, M.D., *Research Associate in Obstetrics.*
- JOHN ROCK, M.D., *Research Associate in Obstetrics and Assistant in Gynaecology.*
- DUNCAN E. REID, M.D., *Austin Teaching Fellow in Obstetrics.*
- CAROLINE A. CHANDLER, M.D., *Research Fellow in Obstetrics and Assistant in Bacteriology.*
- ERICH PETERS, M.D., *Research Fellow in Obstetrics.*
- CARL A. SCHUCK, M.D., *Research Fellow in Obstetrics.*

REQUIRED COURSES

Third Year. — Instruction is given by lectures, conferences, and clinical teaching. Students are required to take charge, before graduation, of at least twelve cases of labor, under supervision and instruction, to care for their patients during convalescence, and to make full written reports of the cases.

Fourth Year. — The fourth year course will occupy the student's entire time for one month. It will be given at the Boston Lying-in Hospital and at the Medical School. During half of the course the student will lodge at the hospital, and devote his time chiefly to attendance on cases in the out-patient clinic. In

the course of his work he will be called on to assist at operations in the out-patient department, and will be expected, when his other duties permit, to make ward visits with the physician on duty in the house. In the other half of the course he will conduct the convalescence of the cases delivered by him during his resident service, and make daily ward visits at which clinical instruction will be given in the general management of normal and abnormal labor, in the study of the puerperal convalescence, and in the care of the young infant. Detailed written reports of the out-patient cases attended will be required. His clinical work will be done under the supervision of the department and of the hospital staff on duty, and he will receive careful instruction in the proper methods of delivery and the care of the convalescence. An opportunity will be given each student to study the care of pregnancy in the Pregnancy Clinic, where instruction in pelvimetry and in diagnosis of presentation and position by internal and external examination will be given. Case teaching on five afternoons during the week will be an important feature of the course. A written report on one of the complications of pregnancy will be required of each student. The student will also be given at the Medical School a course of demonstrations in operative obstetrics during the first week of each course, and each student will have an opportunity to perform the different operations on the manikin.

SECOND YEAR

HOURS

Lectures on Normal Obstetrics. Dr. GOETHALS. H.M.S. *Three times a week for four weeks.*

12

THIRD YEAR

Lectures on Abnormal Obstetrics. Dr. IRVING and Assistants. H.M.S. *On Saturday mornings for twenty-four weeks.*

24

Practical instruction in Clinical Obstetrics. By members of the Department. *Throughout the year.*

104

FOURTH YEAR

Practical instruction, in sections, in Clinical Obstetrics. *One month.*

144

VOLUNTARY COURSE

30. Sex Hygiene in the Practice of Medicine. Dr. MACOMBER. Tuesdays 2 to 3.30 P.M., May 2, 9, 16, H.M.S.

Preventive Medicine and Hygiene

JOHN E. GORDON, Ph.D., M.D., *Professor of Preventive Medicine and Epidemiology.*
 W. LLOYD AYCOCK, M.D., *Assistant Professor of Preventive Medicine and Hygiene.*
 ELLIOTT S. A. ROBINSON, M.D., Ph.D., *Assistant Professor of Applied Immunology.*
 WILLIAM A. HINTON, M.D., *Instructor in Preventive Medicine and Hygiene and in Bacteriology and Immunology.*
 EDWARD G. HUBER, M.D., Dr.P.H., *Instructor in Preventive Medicine and Hygiene.*
 LA VERNE A. BARNES, Ph.D., *Assistant in Preventive Medicine and Hygiene.*

REQUIRED COURSES

PREVENTIVE MEDICINE AND HYGIENE A. *Third Year.* — The course in Preventive Medicine and Hygiene consists of lectures and demonstrations, public health survey, and excursions to inspect certain public health activities. The lectures are followed by correlating clinical exercises. Each student is required to make a public health survey (including sanitation and the provisions for medical care) of a city or town and submit a report thereon, or an equivalent in the field of Preventive Medicine and Hygiene which has been approved by the Head of the Department. The report is due in the fourth year, not later than October first. The excursions include a visit to the State biological laboratory, a milk plant, a water purification system and a suburban public health department.

THIRD YEAR

HOURS

Lectures and demonstrations. Dr. GORDON and Staff. <i>Once a week, throughout the year.</i>	32
Public health survey.	36
Clinical exercises. <i>Once a week, throughout the year.</i>	56

VOLUNTARY COURSE

30. Applied Immunology (Serums and Vaccines). Dr. ROBINSON. Mondays, Wednesdays and Fridays, 2 to 5 P.M., May. (See Bacteriology 33a.)

Surgery

Under this Division are included Surgery and the specialties relating chiefly to Surgery: — Genito-Urinary Surgery, Gynaecology, Orthopaedic Surgery, Otology and Laryngology.

SURGERY

(Including clinical surgery, operative surgery, surgical pathology, surgical technique, surgical research, and anaesthesia.)

- EDWARD D. CHURCHILL, M.D., *John Homans Professor of Surgery.*
 ELLIOTT C. CUTLER, M.D., *Moseley Professor of Surgery.*
 DAVID CHEEVER, M.D., *Associate Professor of Surgery.*
 JOHN HOMANS, M.D., *Clinical Professor of Surgery.*
 WILLIAM E. LADD, M.D., *Clinical Professor of Surgery.*
 RICHARD H. MILLER, M.D., *Clinical Professor of Surgery.*
 WILLIAM C. QUINBY, M.D., *Clinical Professor of Genito-Urinary Surgery.*
 IRVING J. WALKER, M.D., *Clinical Professor of Surgery.*
 ARTHUR W. ALLEN, M.D., *Lecturer on Surgery.*
 W. JASON MIXTER, M.D., *Lecturer on Neurosurgery.*
 ROBERT C. COCHRANE, M.D., *Assistant Professor of Surgery.*
 THOMAS H. LANMAN, M.D., *Assistant Professor of Surgery.*
 CHARLES C. LUND, M.D., *Assistant Professor of Surgery.*

- CHARLES G. MIXTER, M.D., *Assistant Professor of Surgery.*
DONALD MUNRO, M.D., *Assistant Professor of Neurological Surgery.*
AUGUSTUS RILEY, M.D., *Assistant Professor of Genito-Urinary Surgery.*
JAMES C. WHITE, M.D., *Assistant Professor and Tutor in Surgery.*
OLIVER COPE, M.D., *Associate in Surgery.*
JACOB FINE, M.D., *Associate in Surgery.*
OTTO J. HERMANN, M.D., *Associate in Surgery.*
GEORGE A. LELAND, Jr., M.D., *Associate in Surgery.*
DONALD W. MACCOLLUM, M.D., *Associate in Surgery.*
FRANCIS C. NEWTON, M.D., *Associate in Surgery.*
HARLAN F. NEWTON, M.D., *Associate in Surgery.*
STANLEY J. G. NOWAK, M.D., *Associate in Surgery.*
GEORGE G. SMITH, M.D., *Associate in Genito-Urinary Surgery.*
ROBERT ZOLLINGER, M.D., *Associate in Surgery.*
HENRY K. BEECHER, M.D., *Instructor in Anaesthesia.*
ERNEST M. DALAND, M.D., *Instructor in Surgery.*
ROBERT E. GROSS, M.D., *Instructor in Surgery.*
ROBERT R. LINTON, M.D., *Instructor in Surgery.*
CHAMP LYONS, M.D., *Instructor in Surgery and Assistant in Bacteriology.*
LELAND S. MCKITTRICK, M.D., *Instructor in Surgery.*
JOE V. MEIGS, M.D., *Instructor in Surgery.*
E. EVERETT O'NEIL, M.D., *Instructor in Surgery.*
A. WILLIAM REGGIO, M.D., *Instructor in Surgery.*
RICHARD I. SMITH, M.D., *Instructor in Surgery.*
JOHN D. STEWART, M.D., *Instructor in Surgery.*
CARL W. WALTER, M.D., *Instructor in Surgery.*
EDWARD L. YOUNG, Jr., M.D., *Instructor in Surgery.*
RALPH ADAMS, M.D., *Assistant in Surgery.*
ROBERT H. ALDRICH, M.D., *Assistant in Surgery.*
GORDON D. ATKINSON, M.D., *Assistant in Genito-Urinary Surgery.*
GEORGE AUSTEN, JR., M.D., *Assistant in Genito-Urinary Surgery.*
FRANKLIN G. BALCH, Jr., M.D., *Assistant in Surgery.*
EDWARD B. BENEDICT, M.D., *Assistant in Surgery.*
THOMAS WINSTON BOTSFORD, M.D., *Assistant in Surgery.*
FLETCHER H. COLBY, M.D., *Assistant in Genito-Urinary Surgery.*
ALLAN L. DAVIS, M.D., *Assistant in Surgery.*
HENRY H. FAXON, M.D., *Assistant in Surgery.*
CARLYLE G. FLAKE, M.D., *Assistant in Surgery.*
CLIFFORD C. FRANSEEN, M.D., *Assistant in Surgery.*
EDWARD HAMLIN, JR., M.D., *Assistant in Surgery.*
JAMES C. HARBERSON, M.D., *Assistant in Surgery.*
TORR W. HARMER, M.D., *Assistant in Surgery and Instructor in Anatomy.*
J. HARTWELL HARRISON, M.D., *Assistant in Surgery.*

- E. PARKER HAYDEN, M.D., *Assistant in Surgery.*
HENRY F. HOWE, M.D., *Assistant in Surgery.*
HENRY W. HUDSON, Jr., M.D., *Assistant in Surgery.*
ALFRED HURWITZ, M.D., *Assistant in Surgery.*
FRANC D. INGRAHAM, M.D., *Assistant in Surgery.*
CHARLES A. LAMB, M.D., *Assistant in Surgery.*
WALTER S. LEVENSON, M.D., *Assistant in Surgery.*
SAMUEL LOWIS, M.D., *Assistant in Surgery.*
CHARLES E. MACMAHON, M.D., *Assistant in Surgery.*
STEPHEN J. MADDOCK, M.D., *Assistant in Surgery.*
PATRICK J. MAHONEY, M.D., *Assistant in Surgery.*
E. ROSS MINTZ, M.D., *Assistant in Genito-Urinary Surgery.*
LOUIS H. NASON, M.D., *Assistant in Surgery.*
PRODROMOS N. PAPAS, M.D., *Assistant in Genito-Urinary Surgery.*
C. LANGDON PARSONS, M.D., *Assistant in Surgery.*
THOMAS H. PETERSON, M.D., *Assistant in Surgery.*
LYMAN G. RICHARDS, M.D., *Assistant in Surgery.*
HORATIO ROGERS, M.D., *Assistant in Surgery.*
JOHN B. SEARS, M.D., *Assistant in Surgery.*
FIORINDO A. SIMEONE, M.D., *Assistant in Surgery.*
REGINALD H. SMITHWICK, M.D., *Assistant in Surgery.*
JOHN W. STRIEDER, M.D., *Assistant in Surgery.*
GRANTLEY W. TAYLOR, M.D., *Assistant in Surgery.*
AUGUSTUS THORNDIKE, Jr., M.D., *Assistant in Surgery.*
LESLIE H. VAN RAALTE, M.D., *Assistant in Surgery.*
RICHARD H. WALLACE, M.D., *Assistant in Surgery.*
WALTER R. WEGNER, M.D., *Assistant in Neurological Surgery.*
WILLIAM A. WHITE, Jr., M.D., *Assistant in Surgery.*
SIDNEY C. WIGGIN, M.D., *Assistant in Anaesthesia.*
GEORGE F. WILKINS, M.D., *Assistant in Surgery.*
FLORENCE K. McDONOUGH, Ph.D., *Research Associate in Surgery.*
JOHN E. DUNPHY, M.D., *Arthur Tracy Cabot Fellow in Surgery.*
JAMES M. PARKER, M.D., *Austin Teaching Fellow in Surgery.*
ALBERT Y. KEVORKIAN, M.D., *Research Fellow in Surgery.*
MICHEL PIJOAN, M.D., *Research Fellow in Surgery.*

REQUIRED COURSES

Instruction will be given by amphitheatre clinics, lectures, and conferences, together with section teaching in the wards and out-patient departments of the hospitals and in the surgical research laboratories. Elective and voluntary courses will be given in the laboratories of the Harvard Medical School and in the wards and operating rooms of the hospitals.

Second Year. — The course, which is designed to prepare the student for his hospital contact with patients, will begin in February of the second year. Instruction will be given by clinical lectures and section work in the various hospitals and laboratories. The course will cover the general principles of surgical treatment: surgical technique, the use of apparatus and instruments, and an introduction to clinical surgery, beginning with inflammation, trauma, etc.

Third Year. — The course is conducted largely in the out-patient departments of the hospitals affiliated with the School. The students are divided into three groups, each group in rotation being apportioned to one of the three major hospitals affiliated with the School for instruction in surgery over a sixty-four day period. During this period they will study general surgery and urology at the hospital to which they are assigned, and will also receive instruction in gynaecology at the Free Hospital for Women and in laryngology at the Massachusetts Eye and Ear Infirmary. Instruction in the surgery of children is given during the pediatric section work at the Children's Hospital.

Fourth Year. — A service of not less than three months as clinical clerk in the surgical wards of the M.G.H., B.C.H., P.B.B.H., or B.I.H., is required of each student, except those who take at least three months in medicine, in which case two months of surgery are required. For students electing three months of surgery, children's surgery (Surgery C5) may count for one of the required months. This course (Surgery C5) is limited to two qualified students per month and applications are to be made in person before March 1st.

SECOND YEAR

HOUR

Lectures and demonstrations on the fundamental aspects of clinical surgery.

Drs. CHURCHILL, CUTLER, MILLER and Associates. M.G.H., B.C.H. and P.B.B.H. *Second half-year.*

15

Section work. Clinics and exercises in surgical technique, bandaging and methods of special examination. M.G.H., B.C.H., P.B.B.H., C.H. and B.I.H. *Each student has twenty-four exercises.*

60

THIRD YEAR

✓ Amphitheatre lectures. Drs. CHURCHILL, CUTLER, LADD, WALKER, and Associates. *Once a week throughout the year.*

32

Exercises in sections in the wards and out-patient departments at the M.G.H., B.C.H., and P.B.B.H. *Each section has thirty-two exercises of two and a half hours each and twenty-one exercises of three hours each.*

116

✓ Genito-Urinary Surgery. Lectures. *Second half-year.*

6

✓ Section work. M.G.H., B.C.H., and P.B.B.H. *Each student has ten or eleven two-and-a-half-hour exercises.*

27

Children's Surgery. Section work. C.H. *Each student has four one-and-a-half-^{HOURS} hour exercises, eleven one-hour exercises, and five two-hour exercises.* 27

FOURTH YEAR

Clinical clerkship at M.G.H. (Surgery C1, Dr. CHURCHILL and Associates), B.C.H. (Surgery C2, Dr. WALKER and Associates), P.B.B.H. (Surgery C3, Dr. CUTLER and Associates), B.I.H. (Surgery C4, Dr. MIXTER and Associates, *from August to January inclusive*) or C.H. (Surgery C5, * Children's Surgery, Dr. LADD and Associates.) 288 or 432

FOURTH YEAR ELECTIVE COURSES

6. Genito-Urinary Surgery. Dr. SMITH. M.G.H. Half-course, mornings; or, with permission of the instructor, whole course, all day.
7. Genito-Urinary Surgery. Dr. RILEY. B.C.H. Half-course, mornings; or, with the permission of the instructor, whole course, all day.
8. Genito-Urinary Surgery. Dr. QUINBY. P.B.B.H. Whole course, all day. Limited to two men each month.
9. Anacsthesia. Dr. BEECHER. M.G.H. Whole course, all day, November to May inclusive. A limited number of students will be accepted. Applications to be made in person.
20. Surgical Investigation. H.M.S. Laboratory of Surgical Research. Whole course, all day. Apply to Dr. CUTLER.
21. Experimental Surgery. Dr. CHURCHILL and Associates. M.G.H. Whole course, all day.

VOLUNTARY COURSES

30. Pathological Physiology of Surgical Diseases. Drs. FINE and NASON. Thursdays, 2.30 to 4 P.M. November and December. B.I.H. Open to second, third, and fourth year men.
31. Clinical Applied Anatomy. Dr. CHEEVER. Saturdays, 9 to 10 A.M., October through January. P.B.B.H. Open to first year men. (See Anatomy 30.)
32. Surgical Technique. Members of the third year class may register for the following courses in surgical technique at the hospital to which they have been assigned for their section work.
 1. Operative Technique and Surgical Pathology. Dr. ROBERT R. LINTON. Surgical Laboratories, M.G.H. Tuesday afternoons throughout the year. (May only be taken coincidentally with section work.)

* May be counted as a month of required surgery only for men who take two months of general surgery.

HOURS

2. Operative Technique. Dr. STEPHEN J. MADDOCK. Surgical Laboratory, B.C.H. Tuesday afternoons throughout the year. (May only be taken coincidentally with section work.)
3. Operative Technique. Dr. F. C. NEWTON. Laboratory of Surgical Research, H.M.S. Thursday afternoons, December, January and February. (Limited to 30 men who take section work at the P.B.B.H. Apply to Dr. Newton during November.)
33. Anaesthesia. M.G.H. Dr. BEECHER. Monthly, all day, June through September. Open to third year men. Attendance limited. Apply to Dr. BEECHER.

GYNAECOLOGY

FRANK A. PEMBERTON, M.D., *Clinical Professor of Gynaecology.*

JOHN T. WILLIAMS, M.D., *Associate in Gynaecology.*

ROBERT M. GREEN, M.D., *Instructor in Gynaecology and Associate Professor of Applied Anatomy.*

REGINALD D. MARGESON, M.D., *Instructor in Gynaecology.*

GEORGE VAN S. SMITH, M.D., *Instructor in Gynaecology.*

J. FRANK DEICH, M.D., *Assistant in Gynaecology.*

CHRISTOPHER J. DUNCAN, M.D., *Assistant in Gynaecology.*

SIDNEY C. GRAVES, M.D., *Assistant in Gynaecology.*

DANIEL J. MCSWEENEY, M.D., *Assistant in Gynaecology and in Obstetrics.*

G. ELLIOTT MAY, M.D., *Assistant in Gynaecology.*

JOHN ROCK, M.D., *Assistant in Gynaecology and Research Associate in Obstetrics.*

EDWARD B. SHEEHAN, M.D., *Assistant in Gynaecology.*

BENJAMIN TENNEY, JR., M.D., *Assistant in Gynaecology.*

PAUL A. YOUNGE, M.D., *Assistant in Gynaecology.*

REQUIRED COURSES

Third Year. — Instruction is given by lectures and clinical teaching in the third year. Clinics are held in the wards and out-patient departments of the Free Hospital for Women and the Boston City Hospital. The student is instructed in the examination, diagnosis, and treatment of gynaecological disease.

THIRD YEAR

HOURS

- Lectures. Dr. PEMBERTON. H.M.S. *Last six Tuesdays, first half-year.* 6
- Clinical exercises. Drs. PEMBERTON, SHEEHAN, ROCK, GRAVES and YOUNGE, F.H.W., and Drs. WILLIAMS, GREEN, and MARGESON, B.C.H. *In sections, throughout the year. Each student attends ten or eleven exercises.* 27

FOURTH YEAR ELECTIVE COURSE

1. Clinical Course. Dr. PEMBERTON, assisted by Drs. SMITH, SHEEHAN, ROCK, GRAVES and YOUNGE. F.H.W. Half-course, mornings, offered throughout the year.

ORTHOPAEDIC SURGERY

FRANK R. OBER, M.D., *John B. and Buckminster Brown Clinical Professor of Orthopaedic Surgery and Assistant Dean in charge of Courses for Graduates.*

MARIUS N. SMITH-PETERSEN, M.D., *Clinical Professor of Orthopaedic Surgery.*

ARTHUR T. LEGG, M.D., *Assistant Professor of Orthopaedic Surgery.*

JAMES W. SEVER, M.D., *Assistant Professor of Orthopaedic Surgery.*

ALBERT H. BREWSTER, M.D., *Instructor in Orthopaedic Surgery.*

LLOYD T. BROWN, M.D., *Instructor in Orthopaedic Surgery.*

G. KENNETH COONSE, M.D., *Instructor in Orthopaedic Surgery.*

WILLIAM T. GREEN, M.D., *Instructor in Orthopaedic Surgery.*

LORING T. SWAIM, M.D., *Instructor in Orthopaedic Surgery.*

GEORGE W. VAN GORDER, M.D., *Instructor in Orthopaedic Surgery.*

JOSEPH S. BARR, M.D., *Assistant in Orthopaedic Surgery.*

EDWIN F. CAVE, M.D., *Assistant in Orthopaedic Surgery.*

WILLIAM A. ELLISTON, M.D., *Assistant in Orthopaedic Surgery.*

PAUL W. HUGENBERGER, M.D., *Assistant in Orthopaedic Surgery.*

ROBERT J. JOPLIN, M.D., *Assistant in Orthopaedic Surgery.*

JOHN G. KUHN, M.D., *Assistant in Orthopaedic Surgery.*

CARROLL B. LARSON, M.D., *Assistant in Orthopaedic Surgery.*

ROBERT H. MORRIS, M.D., *Assistant in Orthopaedic Surgery.*

PAUL L. NORTON, M.D., *Assistant in Orthopaedic Surgery.*

SUMNER M. ROBERTS, M.D., *Assistant in Orthopaedic Surgery.*

WILLIAM A. ROGERS, M.D., *Assistant in Orthopaedic Surgery.*

REQUIRED COURSES

Third Year. — Instruction is given in Orthopaedic Surgery by lectures at the Children's Hospital in the first half of the third year, and throughout the third year by clinical exercises at the Children's Hospital, Massachusetts General Hospital, Peter Bent Brigham Hospital and Boston City Hospital.

THIRD YEAR

HOURS

Lectures. Dr. OBER. C.H. *First half-year.*

8

Clinical exercises. Drs. OBER, SMITH-PETERSEN and Associates. C.H., M.G.H., P.B.B.H., and B.C.H. *In sections throughout the year.*

30

The students are assigned to the Children's Hospital for thirty-two days to

receive correlated clinical instruction in the diseases and disabilities of children. The clinical exercises in Orthopaedic Surgery will be given during this period.

The clinical exercises in Orthopaedic Surgery and Industrial Surgery of adults will be correlated with clinical exercises in General Surgery at the Massachusetts General, the Peter Bent Brigham and the Boston City Hospitals during the three months that each student is assigned to one of these hospitals for his clinical instruction in General Surgery.

FOURTH YEAR ELECTIVE COURSES

1. Special Course. Half-course, afternoons, December. Given for not less than ten students. M.G.H.
2. Clinical Course. Whole course, all day, or half-course, mornings, offered throughout the school year. M.G.H. and C.H.
3. Clinical Course. Half-course, mornings, offered throughout the school year. Out-patient Department, C.H.
4. Clinical Course. Half-course, mornings, offered throughout the school year. Out-patient Department, M.G.H.

Otology and Laryngology

OTOLOGY

HARRIS P. MOSHER, M.D., S.D., *Walter Augustus Lecompte Professor of Otology and Professor of Laryngology.*

HARRY P. CAHILL, M.D., *Assistant Professor of Otology.*

FREDERICK L. BOGAN, M.D., *Instructor in Otology.*

PHILIP E. MELTZER, M.D., *Instructor in Otology.*

CHARLES T. PORTER, M.D., *Instructor in Otology.*

MOSES H. LURIE, M.D., *Assistant in Otology.*

PHILIP MYSEL, M.D., *Assistant in Otology.*

LEON E. WHITE, M.D., *Assistant in Otology.*

Third Year. — Instruction is given by lectures at the Harvard Medical School and clinical instruction in the third year in sections, each student receiving instruction every morning for two weeks at the Massachusetts Eye and Ear Infirmary with anatomical and histological demonstrations at the Harvard Medical School.

THIRD YEAR

HOURS

Clinical exercises in Otology. Dr. MOSHER and Staff. M.E. and E.I.

Every student has eight exercises.

27

Lectures in Otology. Dr. CAHILL. H.M.S. *Five Tuesdays in first half-year.*

5

FOURTH YEAR ELECTIVE COURSES

1. Clinical Otology. Quarter-course, mornings, offered throughout the year. M.E. and E.I.
2. Advanced Otology. Half-course, mornings, October to January. M.E. and E.I.

LARYNGOLOGY

- M* HARRIS P. MOSHER, M.D., S.D., *Professor of Laryngology and Walter Augustus Lecompte Professor of Otology.*
- HARRY A. BARNES, M.D., *Instructor in Laryngology.*
- M* FREDERICK E. GARLAND, M.D., *Instructor in Laryngology.*
- M* EDWARDS W. HERMAN, M.D., *Instructor in Laryngology.*
- M* CHARLES D. KNOWLTON, M.D., *Instructor in Laryngology.*
- M* HAROLD G. TOBEY, M.D., *Instructor in Laryngology.*
- M* WILLIAM I. WIGGIN, M.D.C.M., *Instructor in Laryngology.*
- M* GEORGE H. WRIGHT, D.M.D., *Instructor in Laryngology.*
- A* MAURICE G. EVANS, M.D., *Assistant in Laryngology.*
- M* GUSTAVE B. FRED, M.D., *Assistant in Laryngology.*
- A* ROBERT L. GOODALE, M.D., *Assistant in Laryngology.*
- DONALD H. MACDONALD, M.D., *Assistant in Laryngology.*
- M* WERNER MUELLER, M.D., *Assistant in Laryngology.*
- FRANCIS L. WEILLE, M.D., *Assistant in Laryngology.*

REQUIRED COURSES

Third Year. — Instruction consists of lectures and section work in the third year, each section being assigned to the throat clinic of the Massachusetts General Hospital. In addition to clinical instruction, special demonstrations in anatomy are given.

THIRD YEAR

HOURS

- ✓* Clinical exercises in Laryngology. Staff. *Ten or eleven exercises for each student.* 27
- ✓* Laryngology Lectures. Dr. MOSHER. H.M.S. *Six Tuesdays in second half-year.* 6

FOURTH YEAR ELECTIVE COURSE

1. Clinical Laryngology. Dr. MOSHER and Assistants. Half-course or quarter-course, mornings, offered throughout the year. M.G.H.

SPECIAL VOLUNTARY COURSES

Heredity in Relation to Medicine. Dr. KEELER. Thursdays, 2.30 to 3.30 P.M., February through May. H.M.S. (Not to be given during 1938-39.)

Research Course in Heredity. Dr. KEELER. February through May. Time individually arranged. H.M.S. (Not to be given during 1938-39.)

Physical Education

Work in Physical Education is planned in order to benefit the health of the medical student and also to give him an opportunity of realizing the importance of systematic exercise in the maintenance of health. To this end close coöperation is maintained with those in charge of the physical examination and the health of the students. A student may elect the type of exercise best suited to his particular needs as advised at the time of his physical examination.

TABULAR VIEW OF COURSES

FIRST YEAR — First Half-Year

SEPT. 26, 1938 — JAN. 28, 1939 (*All dates inclusive*)

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9-12	Anatomy	Histology	Anatomy	Histology	Histology	
2-4-30	Anatomy	Histology	Anatomy	Histology	Anatomy	

Vacation: Dec. 23-Jan 2.

Holidays: Oct. 12; Nov. 11; Nov. 24.

FIRST YEAR — Second Half-Year

JAN. 30 — MAY 27, 1939 (*All dates inclusive*)

	Physiology	Biological Chemistry	Physiology	Biological Chemistry	Physiology	Biological Chemistry
9-12-30						
2-5	January 30-March 6 2-5 Physiology	Biological Chemistry	Physiology	Biological Chemistry	2-4 Physiology	Biological Chemistry
	March 13-May 22 2-4 Physiology 4-5 Medical Psychology Assembly Hall Psychopathic Hospital				4-5 Biological Chemistry Personal Conferences	

Vacation: April 2-6.

Holidays: Feb. 22; April 19.

THIRD YEAR SCHEDULE

SEPT. 26, 1938 — MAY 27, 1939 (All dates inclusive)

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30-9.30	Lecture $\frac{1}{3}$ of Class: I. Medicine II. Med. Spec.* $\frac{1}{3}$ of Class: I. Surgery II. Surg. Spec.† $\frac{1}{3}$ of Class: Pediatrics A { Orthopaedic Surgery Obstetrics§ B { Otolaryngology† Ophthalmology†	Lecture $\frac{1}{3}$ of Class: I. Med. Spec.* II. Medicine $\frac{1}{3}$ of Class: I. Surg. Spec.† II. Surgery $\frac{1}{3}$ of Class: Pediatrics A { Orthopaedic Surgery Obstetrics§ B { Otolaryngology† Ophthalmology†	Lecture $\frac{1}{3}$ of Class: I. Med. Spec.* II. Medicine $\frac{1}{3}$ of Class: I. Surg. Spec.† II. Surgery $\frac{1}{3}$ of Class: Pediatrics A { Orthopaedic Surgery Obstetrics§ B { Otolaryngology† Ophthalmology†	Lecture $\frac{1}{3}$ of Class: I. Medicine II. Med. Spec.* $\frac{1}{3}$ of Class: I. Surgery II. Surg. Spec.† $\frac{1}{3}$ of Class: Pediatrics A { Orthopaedic Surgery Obstetrics§ B { Otolaryngology† Ophthalmology†	Lecture $\frac{1}{3}$ of Class: I. Med. Spec.* II. Medicine $\frac{1}{3}$ of Class: I. Surg. Spec.† II. Surgery $\frac{1}{3}$ of Class: Pediatrics A { Orthopaedic Surgery Obstetrics§ B { Otolaryngology† Ophthalmology†	Lecture $\frac{1}{3}$ of Class: I. Med. Spec.* II. Medicine $\frac{1}{3}$ of Class: I. Surg. Spec.† II. Surgery $\frac{1}{3}$ of Class: Pediatrics A { Orthopaedic Surgery Obstetrics§ B { Otolaryngology† Ophthalmology†
10-12.30	Lecture $\frac{1}{3}$ of Class: I. Medicine II. Med. Spec.* $\frac{1}{3}$ of Class: I. Surgery II. Surg. Spec.† $\frac{1}{3}$ of Class: Pediatrics A { Orthopaedic Surgery Obstetrics§ B { Otolaryngology† Ophthalmology†	Lecture $\frac{1}{3}$ of Class: I. Med. Spec.* II. Medicine $\frac{1}{3}$ of Class: I. Surg. Spec.† II. Surgery $\frac{1}{3}$ of Class: Pediatrics A { Orthopaedic Surgery Obstetrics§ B { Otolaryngology† Ophthalmology†	Lecture $\frac{1}{3}$ of Class: I. Medicine II. Med. Spec.* $\frac{1}{3}$ of Class: I. Surg. Spec.† II. Surgery $\frac{1}{3}$ of Class: Pediatrics A { Orthopaedic Surgery Obstetrics§ B { Otolaryngology† Ophthalmology†	Lecture $\frac{1}{3}$ of Class: I. Med. Spec.* II. Medicine $\frac{1}{3}$ of Class: I. Surg. Spec.† II. Surgery $\frac{1}{3}$ of Class: Pediatrics A { Orthopaedic Surgery Obstetrics§ B { Otolaryngology† Ophthalmology†	Lecture $\frac{1}{3}$ of Class: I. Medicine II. Med. Spec.* $\frac{1}{3}$ of Class: I. Surgery II. Surg. Spec.† $\frac{1}{3}$ of Class: Pediatrics A { Orthopaedic Surgery Obstetrics§ B { Otolaryngology† Ophthalmology†	Lecture $\frac{1}{3}$ of Class: I. Med. Spec.* II. Medicine $\frac{1}{3}$ of Class: I. Surg. Spec.† II. Surgery $\frac{1}{3}$ of Class: Pediatrics A { Orthopaedic Surgery Obstetrics§ B { Otolaryngology† Ophthalmology†
2-5	Lecture $\frac{1}{3}$ of Class: I. Medicine II. Med. Spec.* $\frac{1}{3}$ of Class: I. Surgery II. Surg. Spec.† $\frac{1}{3}$ of Class: Pediatrics A { Orthopaedic Surgery Obstetrics§ B { Otolaryngology† Ophthalmology†	FREE	Lecture $\frac{1}{3}$ of Class: I. Medicine II. Med. Spec.* $\frac{1}{3}$ of Class: I. Surg. Spec.† II. Surgery $\frac{1}{3}$ of Class: Pediatrics A { Orthopaedic Surgery Obstetrics§ B { Otolaryngology† Ophthalmology†	FREE	Lecture Preventive Medicine 2-3 Clinical Conference 3-5 Six Lectures Legal Medicine 4:15-5	FREE

* Med. Spec. = Neurology, Psychiatry, Dermatology and Syphilology. † Surg. Spec. = Genito-Urinary Surgery, Gynecology, Laryngology.

§ For this course the students are assigned to one of the districts of the B. L. I. and are on duty twenty-four hours a day for a period of ten or eleven days. The Class is divided into thirds and the Medical and Surgical thirds are made up of two groups:

† There are no afternoon classes on Mondays and Wednesdays for students taking Ophthalmology and Otolaryngology.

I. — Having Medicine (or Surgery) on Mondays, Wednesdays and Fridays and the Medical (or Surgical) specialties on Tuesdays, Thursdays and Saturdays.

II. — Having Medicine (or Surgery) on Tuesdays, Thursdays and Saturdays and the Medical (or Surgical) specialties on Mondays, Wednesdays and Fridays.

The Third having Pediatrics, etc., is made up of Divisions A and B. These Divisions interchange every 32 days.

The Thirds interchange every 64 days.

FOURTH YEAR PROGRAM

FROM SEPTEMBER 26, 1938—JUNE 4, 1939.

(Each block represents one month. Order of subjects variable.)

	1	2	3	4
MORNING			Medicine C ₁ , C ₂ , C ₃ , or C ₄ †	
	Medicine C ₁ , C ₂ , C ₃ , or C ₄ †	Medicine C ₁ , C ₂ , C ₃ , or C ₄ †	or Surgery C ₁ , C ₂ , C ₃ , C ₄ † or C ₅ *	Surgery C ₁ , C ₂ , C ₃ , C ₄ † or C ₅ *
AFTERNOON				
	5	6	7	8
MORNING				
	Surgery C ₁ , C ₂ , C ₃ , C ₄ † or C ₅ *	Obstetrics C ₁	Pediatrics C ₁ or C ₂	Elective
AFTERNOON				

† From August to January inclusive.

* May be counted as a month of required surgery only for men who take two months of general surgery.

A student may gain time for additional elective courses by anticipating required courses of the fourth year during the vacation period between the third and fourth years. In very exceptional cases a student will be permitted to substitute elective for required courses without anticipating the required work during the summer.

DEGREES

ON FEBRUARY 28, 1938, ONE DEGREE WAS CONFERRED AS FOLLOWS:

M.D.

Owens, Richard Rapp, A.B. (*Ohio Wesleyan Univ.*) 1933.

ON JUNE 23, 1938, ONE HUNDRED THIRTY-FOUR DEGREES WERE CONFERRED AS FOLLOWS:

M.D.

Abrams, Arthur Lawrence, A.B. 1934.
Allen, Fred Harold, Jr., A.B. (*Amherst Coll.*) 1934.
Allen, Joseph Garrott, A.B. (*Washington Univ.*) 1934.
Armstrong, William Fairbourne, A.B. (*Univ. of Utah*) 1933.
Beach, Northrop, A.B. 1934.
Beals, Lynn Staley, Jr., A.B. 1932.
Bengloff, Harold, A.B. (*Hamilton Coll.*) 1934.
Bloomfield, Richard Adolph, A.B. 1933.
Boger, William Pierce, Jr., S.B. (*Bucknell Univ.*) 1934.
Brewster, Henry Hodge.
Brown, Lloyd, A.B. 1934.
Buermann, August, III, PH.B. (*Brown Univ.*) 1934.
Burbank, Charles Baxter, A.B. 1934.
Cahill, Francis Paul, A.B. 1934.
Campbell, William Neil, Jr., A.B. 1934.
Cappeller, William Serenus, A.B. (*Univ. of California*) 1934.
Cary, Francis Frothingham, A.B. 1934.
Cass, Leo Joseph, A.B. 1933.
Chamberlin, William Bricker, Jr., A.B. (*Yale Univ.*) 1934.
Coone, Herbert William, A.B. (*Brown Univ.*) 1934.
Cosby, Richard Sheridan, A.B. 1934.
Crane, Chilton, A.B. (*Yale Univ.*) 1933.
Crawford, George, A.B. (*Coe Coll.*) 1934.
Cutter, Edward Parker, A.B. 1934.
Daly, Cornelius, S.B. (*Midland Coll.*) 1927, S.M. (*Univ. of Nebraska*) 1930.
Davis, Richard Fleming, PH.B. (*Brown Univ.*) 1934.
Day, Emerson, A.B. (*Dartmouth Coll.*) 1934.
Dee, John Edwin, A.B. (*Wesleyan Univ.*) 1932, A.M. (*ibid.*) 1933.
Dillon, Raymond Arthur, S.B. (*Roanoke Coll.*) 1933.
Dimmler, Charles Louis, Jr., A.B. (*Univ. of California*) 1935.
Drane, Hugh Albert, Jr., S.B. (*Trinity Univ.*) 1933.
Eisman, John Nathan, A.B. 1933.
Epstein, Harold Charles, A.B. 1934.

- Evans, Robert Sherman, s.B. (*Univ. of Washington*) 1934.
 Ferguson, Duncan Hector Campbell, Jr., PH.B. (*Brown Univ.*) 1934.
 Fields, William Straus, A.B. 1934.
 Fletcher, Donald Burnett, PH.B. (*Brown Univ.*) 1934.
 Folley, Jarrett Harter, A.B. (*Hamilton Coll.*) 1934.
 Foote, John Joseph, A.B. 1934.
 Franke, Winthrop Ingersoll, A.B. (*Johns Hopkins Univ.*) 1934.
 Gatto, Lucio Ernest, A.B. 1934.
 Gellis, Sydney Saul, A.B. 1934.
 Giddings, Wooster Philip, A.B. (*Amherst Coll.*) 1934.
 Glueck, Bernard Charles, Jr., A.B. (*Columbia Univ.*) 1934.
 Green, DeWitt Allen, A.B. (*Univ. of North Carolina*) 1934.
 Gruzdis, Vincent Paul, A.B. (*Clark Univ.*) 1934.
 Gummess, Glen Hall, A.B. (*Univ. of Oregon*) 1935.
 Hardy, Irad Benjamin, Jr., A.B. 1933.
 Harrington, Philip Vincent, s.B. (*Tufts Coll.*) 1934.
 Hascall, Charles Shailer, Jr., A.B. (*Princeton Univ.*) 1934.
 Henley, Thomas Franklin, s.B. (*Univ. of North Carolina*) 1936.
 Hill, John Mounce.
 Holt, Charles Lawrence, Jr.
 Hunt, Homer Hill.
 Huntington, Benjamin Lincoln, A.B. 1934.
 Hurlbut, Robert Satterlee, A.B. 1934.
 Ingersoll, Francis McCall, s.B. (*Hastings Coll.*) 1934.
 Irons, Edwin Newton, s.B. (*Univ. of Chicago*) 1936.
 Jennison, David Blanchard, A.B. (*Univ. of New Hampshire*) 1932.
 Jewett, John Figgis, A.B. (*Dartmouth Coll.*) 1935.
 Johnson, Carl Cordes, A.B. (*Union Coll.*) 1934.
 Johnson, David Barent.
 Jones, Gordon Eugene, A.B. (*Univ. of Illinois*) 1934.
 Jones, Hunt Breckinridge, s.B. (*Haverford Coll.*) 1934.
 Kapnick, Israel, A.B. (*Brown Univ.*) 1933.
 Kauppinen, Jalo Aatos, s.B. (*Massachusetts Inst. of Technology*) 1934.
 Kneisel, John Junior.
 Koon, William Donald, s.B. (*Univ. of Michigan*) 1934.
 Kopans, David Eli, A.B. 1934.
 Lake, Fredric David, A.B. (*Amherst Coll.*) 1934.
 Lancefield, Stuart Martel, A.B. (*Columbia Univ.*) 1934.
 Leighton, Herbert Towle, A.B. (*Clark Univ.*) 1934.
 Lepreau, Frank James, Jr., A.B. (*Dartmouth Coll.*) 1934.
 Liebman, Sumner David, A.B. 1934.
 Lloyd, Willard John, A.B. 1933.
 Lorimer, Robert Vinton, A.B. (*Univ. of Maine*) 1933.
 Mabon, Robert Ford, A.B. (*Wesleyan Univ.*) 1933.

- McKell, David McCandless, Jr., A.B. (*Stanford Univ.*) 1934.
 MacLaren, Walter Rogers, B.A. (*Queen's Univ.*) 1933.
 Mangels, Martin, Jr., A.B. (*Columbia Univ.*) 1935.
 Mead, Sedgwick, S.B. 1934.
 Merrill, Bruce Robinson, A.B. (*Univ. of California*) 1934.
 Migel, Dauchy, A.B. (*Colgate Univ.*) 1935.
 Miller, George Francis, A.B. (*Boston Coll.*) 1934.
 Moore, Burness Evans, A.B. (*Emory Univ.*) 1933.
 Moore, Paul Thomas, A.B. (*Boston Coll.*) 1934.
 Nelson, Jack, S.B. (*New York Univ.*) 1934.
 Nies, Richard Dickinson, S.B. (*Univ. of Pittsburgh*) 1934.
 O'Brien, William Henry, S.B. (*Coll. of the Holy Cross*) 1934.
 Oliver, Ernest Bingham, A.B. (*Univ. of Alabama*) 1934.
 Pyles, William Joyce.
 Rambo, Reginald Rodney, S.B. (*Univ. of Arizona*) 1933, S.M. (*ibid.*) 1934.
 Rice, Theodore Adams, PH.B. (*Brown Univ.*) 1934.
 Riley, Conrad Milton, A.B. (*Yale Univ.*) 1934.
 Rizer, Dean Kirby, A.B. (*Princeton Univ.*) 1934.
 Robinson, Charles Andersen, A.B. (*Columbia Univ.*) 1935.
 Rosenow, John Henry, A.B. (*Carleton Coll.*) 1934.
 Ross, Douglas Allen, B.S.C. (*McGill Univ.*) 1929, M.S.C. (*ibid.*) 1931, PH.D. (*ibid.*) 1934.
 Rumsey, William Lacy, Jr., A.B. 1934.
 Russell, Henry Norris, Jr., A.B. (*Princeton Univ.*) 1934.
 Schneider, Adolph Benedict, Jr., A.B. 1934.
 Seeler, Albert Otto, A.B. 1934.
 Silverman, Samuel, A.B. 1934.
 Sise, Herbert Stanwood, A.B. 1934.
 Skinner, David, A.B. (*Carleton Coll.*) 1934.
 Smith, Edward Lincoln, II, A.B. (*Yale Univ.*) 1934.
 Smith, Robert Moors, A.B. (*Dartmouth Coll.*) 1934.
 Stenzel, Franz Robert, S.B. (*Bates Coll.*) 1933.
 Strobino, Louis Joseph, A.B. (*Wesleyan Univ.*) 1934.
 Swann, William Kirk, Jr., S.B. (*Univ. of North Carolina*) 1935.
 Tatlock, Hugh, A.B. 1934.
 Thomson, Robert Strachan, A.B. 1934.
 Turner, Edward Vernon, A.B. (*Ohio Univ.*) 1934.
 Turner, Thomas Ellery, A.B. (*Syracuse Univ.*) 1933.
 Twitchell, Marshall Coleman, A.B. (*Williams Coll.*) 1934.
 Upjohn, Richard Henry, A.B. (*Willamette Univ.*) 1934.
 Walker, William Harold, A.B. (*Univ. of Kansas*) 1933.
 Warren, Joseph Edward, A.B. (*Boston Coll.*) 1934.
 Weisel, Wilson, A.B. (*Univ. of Wisconsin*) 1935, A.M. (*ibid.*) 1936.
 Wells, Gideon Robbins, S.B. (*Univ. of Chicago*) 1934.

Weston, John Ingram, S.B. (*Univ. of Washington*) 1933.

Wilder, Russell Morse, Jr., A.B. (*Princeton Univ.*) 1933.

Wilkinson, Arthur William, A.B. 1933.

Yankauer, Alfred, Jr., A.B. (*Dartmouth Coll.*) 1934.

M.D. *cum Laude*

Bassett, Gardner Glidden, A.B. (*Dartmouth Coll.*) 1934.

Evans, Edward Robert, A.B. (*Stanford Univ.*) 1935.

Hartwell, Alfred Stedman, A.B. 1934.

Hayden, Charles Wylie, A.B. (*Washington Univ.*) 1934.

Heusner, Albert Price, A.B. (*Swarthmore Coll.*) 1932, B.A. (*Univ. of Oxford*) 1934,
B.Sc. (*ibid.*) 1935.

Jager, Blair Valdemar, A.B. 1934.

Maier, John, A.B. 1934.

Schumann, William Robert, Jr., A.B. (*Univ. of California*) 1934.

Tucker, Robert Pinckney, A.B. (*Columbia Univ.*) 1935.

M.D. *cum Laude in Physiology*

Klopp, Calvin Trexler, A.B. (*Swarthmore Coll.*) 1934.

FOURTH CLASS

Adams, John Edwin, A.B. (*Univ. of California*) 1935.

Alexander, Eben, Jr., A.B. (*Univ. of North Carolina*) 1935.

Altman, William Alfred, A.B. (*Rice Institute*) 1935.

Baker, Richard Bentley, A.B. (*Univ. of Colorado*) 1935.

Balboni, Victor Gerardo, A.B. 1935.

Barker, Richard Gleim, A.B. (*Swarthmore Coll.*) 1935.

Barton, Preston Nichols, S.B. (*Bowdoin Coll.*) 1935.

Begg, Charles Frederic, A.B. (*Boston Univ.*) 1935.

Bennett, James Gordon, A.B. (*Central Coll.*) 1935.

Bill, Alexander Harvey, Jr., A.B. 1935.

Bowden, Lemuel, Jr., A.B. 1935.

Brabson, John Anderson, A.B. (*Univ. of North Carolina*) 1935.

*Brayton, Donald Forrest, A.B. (*Stanford Univ.*) 1934 [*Univ. of Utah School of
Medicine*].

Burrage, William Champlin, A.B. (*Williams Coll.*) 1935.

Carleton, William Talbot, A.B. (*Williams Coll.*) 1935.

Cleary, Robert Vincent, A.B. 1935.

Cochran, William Lloyd, A.B. (*Univ. of Missouri*) 1935.

Compson, James Enoch, S.B. (*Franklin and Marshall Coll.*) 1935.

Berkeley, Calif.

Knoxville, Tenn.

Sherman, Texas

Boulder, Colo.

Boston

Montclair, N.J.

Amherst

West Roxbury

Lee's Summit, Mo.

Cambridge

Norfolk, Va.

Greeneville, Tenn.

Salt Lake City, Utah

Portland, Maine

Scarsdale, N.Y.

Belmont

Kansas City, Mo.

Middletown, Conn.

* Transferred to Third Year Class.

- Conley, James Edward, S.B. (*Providence Coll.*) 1935. *Harrisville, R.I.*
 Craige, Branch, Jr., A.B. (*Univ. of North Carolina*) 1935. *El Paso, Texas*
 Crozier, Dan Mastin, A.B. (*West Virginia Univ.*) 1935. *Athens, W. Va.*
 Davis, William Anthony, PH.B. (*Yale Univ.*) 1930, S.M. (*Univ. of Pennsylvania*)
 1932. *West Barrington, R.I.*
 Dingle, John Holmes, S.B. (*Univ. of Washington*) 1930, S.M. (*ibid.*) 1931, S.D.
 (*Johns Hopkins Univ.*) 1933. *Boston*
 Dingman, James Alva, A.B. (*Colgate Univ.*) 1935. *Spring Valley, N.Y.*
 *Dole, Vincent Paul, Jr., A.B. (*Stanford Univ.*) 1934 [Univ. of Wisconsin Medical
 School]. *Chicago, Ill.*
 Dunlap, David Logan, A.B. (*Coll. of Wooster*) 1935. *Washington, Pa.*
 Dyer, Edward Carlton, A.B. (*Dartmouth Coll.*) 1935. *Norwood*
 *Ellis, Daniel Sumner (*Duke Univ.*) [Medical College of Virginia]. *Richmond, Va.*
 Farber, Seymour Morgan, A.B. (*Univ. of Buffalo*) 1931. *Buffalo, N.Y.*
 Farrington, Robert Francis, S.B. (*Tufts Coll.*) 1935. *Franklin*
 Ferguson, Edward Vincent, S.B. 1935. *Edwardsville, Ill.*
 Fisher, James Canfield, A.B. (*Swarthmore Coll.*) 1935. *Arlington, Vt.*
 Foster, Albert Douglas, Jr., A.B. 1935. *Portland, Maine*
 Frank, Jerome David, A.B. 1930, A.M. 1932, PH.D. 1934. *New York, N.Y.*
 Franks, Maurice, A.B. 1935. *Lawrence*
 Geiger, James Metz, A.B. (*Univ. of California*) 1935. *San Francisco, Calif.*
 Gonzalez, Jose Raul, S.B. 1935. *Santurce, Puerto Rico*
 Gould, David Marshal, A.B. (*Clark Univ.*) 1935. *Worcester*
 Greene, Gerald Gabriel, A.B. (*Swarthmore Coll.*) 1935. *New York, N.Y.*
 Grogan, Richard Henry, A.B. (*Coll. of the Holy Cross*) 1935. *Watertown*
 *Gullingsrud, Miles Joseph Orlando, A.B. (*Univ. of North Dakota*) 1935, S.B.
 (*ibid.*) 1937 [Univ. of North Dakota Medical School]. *Grand Forks, N.D.*
 Haase, Ferdinand, Jr., A.B. (*Yale Univ.*) 1934. *Elmira, N.Y.*
 Handy, Vincent Herbert, A.B. 1935. *East Orange, N.J.*
 *Hardham, John Fraser, A.B. (*Dartmouth Coll.*) 1936 [Dartmouth Medical School].
Newark, N.J.
 Harwood, Paul Henry, Jr., A.B. (*Princeton Univ.*) 1935. *Southport, Conn.*
 Haslam, Edward Thomas, S.B. (*Kansas State Coll.*) 1935. *Council Grove, Kans.*
 *Hawley, William Lawrence, A.B. (*Univ. of Alabama*) 1935 [Univ. of Alabama
 Medical School]. *Bessemer, Ala.*
 Hayes, Guy Scull, A.B. 1934. *Andover*
 Hepburn, Robert Houghton, A.B. 1935. *West Hartford, Conn.*
 Hormell, Robert Spaulding, A.B. 1935. *Brunswick, Maine*
 Jennings, Charles Godwin, A.B. (*Univ. of Michigan*) 1935. *Detroit, Mich.*
 Johnson, Heber Wellington, A.B. (*Ohio Univ.*) 1935. *Ironton, Ohio*
 ‡Johnson, James Robert (*Marquette Univ.* and *Univ. of Wisconsin*) *Milwaukee, Wis.*
 Johnson, Robert McHardy, A.B. (*Colgate Univ.*) 1933. *East Orange, N.J.*
 Kane, Lewis William, A.B. 1935. *Woonsocket, R.I.*

* Transferred to Third Year Class.

‡ Admitted on basis of three years' college work (in several cases work for degree completed).

- Kemp, Walter Wyckoff, A.B. (*Princeton Univ.*) 1935. *Great Neck, Long Island, N.Y.*
 Kummer, Alfred John, A.B. (*Colgate Univ.*) 1935. *Yonkers, N.Y.*
 Larkin, John Joseph, Jr., A.B. (*Boston Coll.*) 1935. *Roslindale*
 Lawrence, Homer Edson, A.B. (*Oberlin Coll.*) 1935. *Sandusky, Ohio*
 Lewis, Luther Rexford, A.B. (*Brown Univ.*) 1935. *East Providence, R.I.*
 °Livingston, Kenneth Edwin, A.B. (*Stanford Univ.*) 1936 [*Stanford Univ. Medical School*]. *Portland, Oregon*
 McAllister, Ferdinand Ficker, A.B. (*Dartmouth Coll.*) 1934. *Brooklyn, N.Y.*
 McCarty, William Charles, A.B. 1935. *Arlington*
 ‡McCorriston, Colin Craig, A.B. (*Stanford Univ.*) 1936. *Honolulu, Hawaii*
 McDaniel, John Redmond, A.B. (*Central Coll.*) 1935. *Savannah, Mo.*
 McGaughey, William Matthews, A.B. (*DePauw Univ.*) 1935. *Greencastle, Ind.*
 McGoldrick, Thomas Aloysius, Jr., S.B. (*Manhattan Coll.*) 1935. *Brooklyn, N.Y.*
 Mahady, Stephen Charles, A.B. (*Hamilton Coll.*) 1935. *Clinton, N.Y.*
 Marino, Frank Xavier, A.B. (*Univ. of Arizona*) 1935. *Phoenix, Ariz.*
 Matson, Donald Darrow, A.B. (*Cornell Univ.*) 1935. *Altadena, Calif.*
 Matthews, Thomas Virgil, A.B. (*Emory Univ.*) 1935, A.M. (*ibid.*) 1936. *Atlanta, Ga.*
 Mendenhall, John Talcott, A.B. 1935. *Madison, Wis.*
 Michael, Max, Jr., S.B. (*Univ. of Georgia*) 1935. *Athens, Ga.*
 Mixter, Charles Galloupe, Jr., S.B. (*Trinity Coll.*) 1935. *Brookline*
 Moore, Francis Daniels, A.B. 1935. *Hubbard Woods, Ill.*
 *Moretz, William Henry, S.B. (*Lenoir Rhyne Coll.*) 1935 [*Univ. of North Carolina Medical School*]. *Hickory, N.C.*
 Morrison, Philip Joseph, A.B. (*Coll. of the Holy Cross*) 1931. *Nashua, N.H.*
 Mostofi, Fathollah Keshvar, A.B. (*Univ. of Nebraska*) 1934, S.B. (*ibid.*) 1938. *Tabriz, Iran*
 Myerson, Paul Graves, A.B. 1935. *Brookline*
 *Neller, James Locke, S.B. (*Univ. of Wisconsin*) 1937 [*Univ. of Wisconsin Medical School*]. *Appleton, Wis.*
 Newman, Elliot Voss, A.B. 1935. *Jamaica Plain*
 Nichols, Arthur Ames, A.B. (*Univ. of Maine*) 1935. *Boston*
 O'Connell, John Daniel, A.B. (*Coll. of the Holy Cross*) 1935. *New Britain, Conn.*
 O'Connor, Robert Brendan, A.B. (*Boston Coll.*) 1935. *Norwood*
 Pearson, Olof Hjalmer, A.B. 1934. *Dorchester*
 Phillips, Joseph Henry, A.B. 1935. *Dearborn, Mich.*
 Pier, Arthur Stanwood, Jr., A.B. 1935. *Milton*
 Pierce, Leslie Harrell, S.B. (*Coll. of William and Mary*) 1935. *Sunbury, N.C.*
 *Pierce, Paul Preston, A.B. (*Univ. of Missouri*) 1934, S.B. (*ibid.*) 1937 [*Univ. of Missouri Medical School*]. *Auxvasse, Mo.*
 Piper, William Scott, Jr., S.B. (*Pennsylvania State Coll.*) 1935. *Clearfield, Pa.*

° Transferred to Second Year Class.

‡ Admitted on basis of three years' college work (in several cases work for degree completed).

* Transferred to Third Year Class.

- Plass, Herbert Fitz Randolph, S.B. (*Massachusetts Inst. of Technology*) 1934, S.M.
(ibid.) 1935. Winchester
- Proudfit, William Lyle, S.B. (*Washington and Jefferson Coll.*) 1935. Connellsville, Pa.
- Quinby, John Thayer, A.B. 1934. Brookline
- Rathbun, Lewis Standish, S.B. (*Hamilton Coll.*) 1935. Phelps, N.Y.
- Reagan, Daniel Joseph, Jr., A.B. (*Dartmouth Coll.*) 1935. Leominster
- Reed, Howard Beck, S.B. (*Lafayette Coll.*) 1932. Princeton, N.J.
- †Reppun, John Iorwerth Frederick (*Harvard Univ.*). Homestead, Pa.
- †Riker, William Letcher (*Univ. of Michigan*). Oak Park, Ill.
- Roach, John Faunce, A.B. 1935. Jamaica Plain
- Rosenfeld, Leon, A.B. 1935. Chelsea
- Ross, Frederick Phelps, A.B. (*Princeton Univ.*) 1935. Grosse Pointe, Mich.
- Roy, James Evans, A.B. (*Yale Univ.*) 1935. Worcester
- Ruley, Henry Brenckmann, S.B. (*George Washington Univ.*) 1935. Louisville, Ky.
- †Rulison, Elbert Theodore, Jr., A.B. (*Stanford Univ.*) 1937. Sacramento, Calif.
- Scribner, Robert Asa, S.B. (*Massachusetts Inst. of Technology*) 1935. Haverhill
- Seligman, Arnold Max, A.B. 1934. Newton Upper Falls
- *Sensenbach, Charles Willis, A.B. (*Univ. of North Carolina*) 1935 [Univ. of North Carolina Medical School]. High Point, N.C.
- Shields, Delmar Oran, A.B. (*Univ. of Missouri*) 1929. Boonville, Mo.
- *Simon, Norman, A.B. (*Dartmouth Coll.*) 1936 [Dartmouth Medical School]. Lawrence
- Sims, John Arthur, A.B. (*Colorado Coll.*) 1935. Colorado Springs, Colo.
- Smith, Steward Herbert, A.B. (*Ohio State Univ.*) 1934. Columbus, Ohio
- Smith, Thomas Williams, S.B. (*Hamilton Coll.*) 1935. Springfield Centre, N.Y.
- *Snow, Willard Groesbeck, A.B. (*Univ. of Utah*) 1934 [Univ. of Utah School of Medicine]. Salt Lake City, Utah
- Strigley, Robert Sprague, A.B. (*Ohio Univ.*) 1935. Athens, Ohio
- Stanbury, John Bruton, A.B. (*Duke Univ.*) 1935. Asheville, N.C.
- Stone, Alvin Thurlow, A.B. (*DePauw Univ.*) 1935. Petoskey, Mich.
- Stuppy, Laurence Justinian, S.B. (*California Inst. of Technology*) 1935. Los Angeles, Calif.
- Swan, Henry, II, A.B. (*Williams Coll.*) 1935. Denver, Colo.
- Sweeney, Alvin Randolph, Jr., A.B. 1935. Cambridge
- Truslow, John Bacchus, A.B. (*Yale Univ.*) 1934. Brooklyn, N.Y.
- Tucker, Walter Irvin, S.B. 1933. Baltimore, Md.
- Ulm, Aaron Hardy, S.B. (*Univ. of Georgia*) 1934. Athens, Ga.
- Vincent, Ward Robert, A.B. (*Stanford Univ.*) 1935. Ventura, Calif.
- Warren, James Vaughn, A.B. (*Ohio State Univ.*) 1935. Columbus, Ohio
- White, Robert Morris, A.B. (*Hamilton Coll.*) 1935. Oswego, N.Y.
- Wigh, Russell, S.B. (*Rutgers Univ.*) 1935. Hoboken, N.J.

† Admitted on basis of three years' college work (in several cases work for degree completed).

* Transferred to Third Year Class.

- Wilson, John Long, A.B. (*Vanderbilt Univ.*) 1935. *Sturgis, Ky.*
 Wing, Lucius Townshend, A.B. 1935. *New York, N.Y.*
 Wood, Ernest Harvey, Jr., A.B. (*Duke Univ.*) 1935. *New Bern, N.C.*
 *Woolford, Robert Morgenthau, A.B. (*Ohio State Univ.*) 1936 [Ohio State Univ.
 Coll. of Medicine]. *Hamilton, Ohio*
 Wyman, Stanley Moore, A.B. 1935. *Cambridge*

THIRD CLASS

- Albright, Edwin Carter, A.B. (*State Univ. of Iowa*) 1936. *Iowa City, Iowa*
 Allanson, James Crawford, S.B. (*Franklin and Marshall Coll.*) 1936. *Glenside, Pa.*
 Allen, Sinclair Tousey, Jr., A.B. (*Williams Coll.*) 1936. *Proctor, Vt.*
 *Arnot, Robert Eugene, A.B. (*Univ. of Minnesota*) 1937 [Univ. of Minnesota Medi-
 cal School] *Minneapolis, Minn.*
 Bacon, William Benjamin, A.B. 1934. *Jamaica Plain*
 Bartter, Frederic Crosby, A.B. 1935. *Baguio, P.I.*
 Bell, Julius William, A.B. (*Marietta Coll.*) 1936. *Parkersburg, W. Va.*
 Berger, Alfred Jacob, A.B. (*Univ. of Michigan*) 1936. *Brooklyn, N.Y.*
 Bick, Malcolm Wagner, A.B. (*Yale Univ.*) 1936. *Brookline*
 Blanchard, Richard Sawyer, S.B. (*Yale Univ.*) 1936. *Beverly*
 Boguniecki, Stanley Joseph, A.B. 1936. *Westfield*
 Boone, Edward William, A.B. (*Hanover Coll.*) 1936. *Shanghai, China*
 Boshier, Lewis Hinton, Jr., S.B. (*Univ. of Virginia*) 1935. *Richmond, Va.*
 Bradley, Robert Holmes, Jr., A.B. (*Williams Coll.*) 1936. *South Orange, N.J.*
 Brand, Robert Willard, A.B. (*Colgate Univ.*) 1936. *Brooklyn, N.Y.*
 Brenizer, Addison Gorgas, Jr., A.B. (*Princeton Univ.*) 1936. *Charlotte, N.C.*
 Brougham, Milton Franklin, S.B. (*Univ. of Washington*) 1936. *Seattle, Wash.*
 Brown, Thornton, A.B. 1936. *Milton*
 *Butman, Douglas Ellsworth, A.B. (*Dartmouth Coll.*) 1937 [Dartmouth Medical
 School]. *Waltham*
 Caddick, Richard Porter, A.B. (*Univ. of Illinois*) 1936. *Quincy, Ill.*
 Chandler, Charles Fassett, A.B. (*Yale Univ.*) 1936. *Sterling Junction*
 Chisholm, Tague Clement, A.B. 1936. *Boston*
 Clement, Stephen Merrell, 2d, A.B. (*Yale Univ.*) 1936. *Buffalo, N.Y.*
 *Dafoe, William Alfred, A.B. (*Univ. of Wisconsin*) 1937 [Univ. of Wisconsin Medi-
 cal School]. *Wautoma, Wis.*
 David, Franklin Connaughton, S.B. (*Univ. of Idaho*) 1936. *Moscow, Idaho*
 Davis, Bernard David, A.B. 1936. *Franklin*
 Deming, Archibald Staley, S.B. (*Yale Univ.*) 1936. *West Hartford, Conn.*
 Deming, Edward Griswold, S.B. (*Yale Univ.*) 1936. *West Hartford, Conn.*
 Dupler, Donald Alfred, S.B. (*Juniata Coll.*) 1936. *Charlottesville, Va.*
 §Eliei, Leonard Paul (*Harvard University*). *Stanford University, Calif.*

* Transferred to Third Year Class.

§ Admitted on basis of four years' college work (in several cases work for degree completed).

- Elmore, Samuel Eltinge, Jr., A.B. (*Univ. of North Carolina*) 1936. *Spindale, N.C.*
 Evans, Lloyd Roberts, A.B. (*Ohio State Univ.*) 1933. *Columbus, Ohio*
 Fite, Franklin Kirkbride, A.B. (*Haverford Coll.*) 1933, A.M. (*Princeton Univ.*) 1935.
North Berwick, Maine
- †Fleck, Stephen (*Univ. of Frankfurt*). *Brookline*
 Ford, Richard, A.B. 1936. *Cambridge*
 Gephart, Francis Thomas, A.B. (*Princeton Univ.*) 1936. *Bronxville, N.Y.*
 German, Bernard, A.B. 1936. *Newark, N.J.*
 Good, Philip Given, A.B. (*Bowdoin Coll.*) 1936. *Auburn, Maine*
 Goodsell, Charles Henry, A.B. (*Princeton Univ.*) 1936. *Short Hills, N.J.*
 Goulder, Norman Ernest, A.B. (*Oberlin Coll.*) 1936. *Cleveland Heights, Ohio*
- *Graf, Douglas Porter, A.B. (*Univ. of Cincinnati*) 1936 [Univ. of Cincinnati Medical School]. *Cincinnati, Ohio*
 Grafton, Edwin Gullede, Jr., A.B. (*Univ. of Texas*) 1936. *Dallas, Texas*
- *Graham, John Barkley (*Westminster Coll. and Univ. of Michigan*) [Univ. of Michigan Medical School]. *Hill City, Idaho*
 Grant, Morton, S.B. 1936. *Andover*
 Greene, David Gorham, A.B. (*Princeton Univ.*) 1936. *Buffalo, N.Y.*
 Greene, William Allan, Jr., A.B. 1936. *Oxford*
 Gunkler, Walter Alfred, A.B. (*Berea Coll.*) 1936. *Rochester, N.Y.*
 Hackedorn, Howard Melvin, S.B. (*State Coll. of Washington*) 1935. *Pullman, Wash.*
- Haseltine, Charles Patrick, S.B. 1936. *Ripon, Wis.*
- †Hastings, Nelson (*Harvard Univ.*). *Boston*
 Hedblom, Carl Arthur, A.B. 1936. *Cambridge*
 †Herndon, Charles Harbison, A.B. (*Univ. of Texas*) 1937. *Dublin, Texas*
 Hickam, John Bamber, A.B. 1936. *Washington, D.C.*
 Hickey, William Francis, Jr., A.B. 1936. *Winchester*
 Hill, Willard Tyler, A.B. 1936. *Ashtabula, Ohio*
 Holmes, Nicholas Howell, A.B. (*Williams Coll.*) 1936. *Chillicothe, Ohio*
 Howard, Frederic Matthew, A.B. (*Boston Coll.*) 1936. *Chestnut Hill*
 Humphrey, Irving Leslie, Jr., A.B. (*Stanford Univ.*) 1936. *Wichita Falls, Texas*
- *Hunter, Thomas Harrison, A.B. 1935 [Univ. of Cambridge]. *Cambridge*
 Kahn, Alfred, Jr., A.B. (*Washington and Lee Univ.*) 1936. *Little Rock, Ark.*
 Kambhu, Ekjai, S.B. 1936. *Bangkok, Siam*
 Kearney, Maurice Walter, Jr., A.B. (*Coll. of the Holy Cross*) 1936. *Brooklyn, N.Y.*
 Kilham, Lawrence, A.B. 1932, A.M. 1935. *Boston*
 Kingsland, Lawrence Chappell, Jr., S.B. (*Massachusetts Inst. of Technology*) 1933. *St. Louis, Mo.*
 Kurnick, Nathaniel Bertrand, A.B. 1936. *Brooklyn, N.Y.*
 Lally, John Edmund, A.B. (*Boston Coll.*) 1936. *Brookline*

† Admitted on basis of two years' college work.

* Transferred to Third Year Class.

‡ Admitted on basis of three years' college work (in several cases work for degree completed).

- Lang, Harold Bickford, A.B. (*Bowdoin Coll.*) 1936. *Pittsburgh, Pa.*
- Larcom, Rodney Clayton, Jr., A.B. (*Bowdoin Coll.*) 1936. *Dedham*
- Latham, Raymond Waldron, A.B. (*State Univ. of Iowa*) 1936. *Cedar Falls, Iowa*
- *Lemon, Henry Martyn, S.B. (*Univ. of Chicago*) 1938 [Univ. of Chicago Medical School]. *Chicago, Ill.*
- Leonard, Field Case, A.B. 1936. *Boston*
- London, Seymour Burton, A.B. (*Univ. of Michigan*) 1936. *Miami Beach, Fla.*
- Lowrey, John Jewett, A.B. 1935. *Honolulu, Hawaii*
- Lytle, Theodore Lemmerz, A.B. (*Princeton Univ.*) 1935. *Newark, N.J.*
- McCandless, Carl Marsh, Jr., S.B. (*Univ. of Washington*) 1935. *Auburn, Wash.*
- MacMillan, Hugh Allen, Jr., A.B. (*Princeton Univ.*) 1936. *Cumberland, Md.*
- McQueeney, Andrew Joseph, A.B. (*Yale Univ.*) 1936. *Bridgeport, Conn.*
- Malewitz, Edward Charles, A.B. 1936. *Trenton, N.J.*
- Manheimer, Leon Henry, A.B. 1936. *Torrington, Conn.*
- Meigs, John Wister, A.B. (*Princeton Univ.*) 1936. *Washington, D.C.*
- Meilman, Edward, A.B. 1936. *Roxbury*
- *Meyer, Ralph Resta, A.B. (*Univ. of Wisconsin*) 1937 [Univ. of Wisconsin Medical School]. *Stevens Point, Wis.*
- Millard, Ernest Boyd, Jr., A.B. (*Yale Univ.*) 1936. *Rochester, N.Y.*
- †Miller, Edward Sidney (*State Univ. of Iowa*). *Sioux City, Iowa*
- *Mills, Hugh Harrison, II, A.B. (*Univ. of North Carolina*) 1935 [Univ. of North Carolina Medical School]. *Bridgewater, N.C.*
- Mirken, Allan Stanley, A.B. (*Cornell Univ.*) 1936. *Brooklyn, N.Y.*
- †Mithoefer, James Herman (*Miami Univ.*). *Cincinnati, Ohio*
- Monagan, Thomas Mulry, A.B. (*Dartmouth Coll.*) 1936. *Waterbury, Conn.*
- *Moody, Frank Sims, A.B. (*Univ. of Alabama*) 1936 [Univ. of Alabama Medical School]. *Tuscaloosa, Ala.*
- Morris, John McLean, A.B. (*Princeton Univ.*) 1936. *New York, N.Y.*
- Murphy, Albert Summers, A.B. 1934. *Dorchester*
- Myers, Gordon Steinbach, A.B. 1936. *Merion, Pa.*
- Ohaneson, Edward Michael, A.B. (*Brown Univ.*) 1936. *Portland, Maine*
- †Palmer, Edward Joseph, A.B. (*Univ. of Rochester*) 1937. *Washington, N.J.*
- *Patterson, John Carey, A.B. (*Univ. of Alabama*) 1935 [Univ. of Alabama Medical School]. *Tuscaloosa, Ala.*
- Paull, Thomas, A.B. 1936. *Barre*
- Pavlo, Irving Lionel, A.B. 1935. *Malden*
- Perry, Thomas, Jr., A.B. 1936. *Westerly, R.I.*
- Pillsbury, Philip Lansdale, A.B. (*Princeton Univ.*) 1936. *Washington, D.C.*
- Porter, Arnold, A.B. (*Yale Univ.*) 1936. *Providence, R.I.*
- Potsubay, Samuel Franz, Jr., A.B. (*Amherst Coll.*) 1936. *Easthampton*
- Pratt, Edward Lowell, S.B. (*Massachusetts Inst. of Technology*) 1936. *Great Barrington*

* Transferred to Third Year Class.

† Admitted on basis of three years' college work (in several cases work for degree completed).

- Prestley, William Francis, s.B. (*Yale Univ.*) 1936. *Mexico City, Mexico*
 Randolph, Rivington Hammond, A.B. (*Univ. of Georgia*) 1936. *Winder, Ga.*
 Rapoport, Bernard, A.B. (*Yale Univ.*) 1936. *Hartford, Conn.*
 ‡Reed, John Shelton, A.B. (*Univ. of Rochester*) 1937. *Kingsport, Tenn.*
 ‡Remington, Avon Charles, Jr. (*Univ. of Colorado*). *Delta, Colo.*
 Ritzman, Thomas Alexander, A.B. (*Yale Univ.*) 1936. *Durham, N.H.*
 *Robbins, Frederick Chapman, A.B. (*Univ. of Missouri*) 1936, s.B. (*ibid.*) 1938
 [Univ. of Missouri School of Medicine]. *Bronxville, N.Y.*
 Robinson, Francis Clay, s.B. (*West Virginia Wesleyan Coll.*) 1936. *Grafton, W. Va.*
 Ryan, Bernard Joseph, s.B. (*Catholic Univ. of America*) 1936. *Chateaugay, N.Y.*
 Sall, Robert Dayton, A.B. 1936. *Mattapan*
 Santacross, Nicholas Lewis, Jr., A.B. (*Boston Coll.*) 1936. *East Milton*
 *Saslow, George, s.B. (*New York Univ.*) 1926, s.M. (*ibid.*) 1929, PH.D. (*ibid.*) 1931
 [Univ. of Rochester Medical School]. *Boston*
 Scannell, John Gordon, A.B. 1936. *Jamaica Plain*
 Seigle, Stewart Pinnell, A.B. (*Wesleyan Univ.*) 1936. *West Hartford, Conn.*
 Shapiro, Robert Rubin, A.B. 1936. *Brookline*
 Shepard, Bruce Morgan, A.B. (*Univ. of Illinois*) 1932. *Alton, Ill.*
 °Sinish, Kenneth William, s.B. (*Yale Univ.*) 1937 [Yale Univ. Medical School].
Melrose
 Sorenson, Charles Wallace, s.B. (*Utah State Agricultural Coll.*) 1936. *Logan, Utah*
 *Stone, Oral Henry, s.B. (*Jamestown Coll.*) 1932, s.B. (*Univ. of North Dakota*)
 1938 [Univ. of North Dakota Medical School]. *Westhope, N.D.*
 ‡Sweeny, Donald Neil, Jr. (*Univ. of Michigan*). *Detroit, Mich.*
 Thompson, James Harwood, A.B. (*Univ. of California*) 1936. *Burlingame, Calif.*
 Tighe, Thomas James Gasson, A.B. 1936. *Lowell*
 Timm, Alexander Berthold, Jr., A.B. (*Yale Univ.*) 1936. *Milford, Conn.*
 VanderLaan, John Edwin, A.B. (*Hope Coll.*) 1936. *Muskegon, Mich.*
 Walker, Walter Willard, A.B. (*Princeton Univ.*) 1935. *Minneapolis, Minn.*
 Webster, Andrew Gerrish, 2d, A.B. 1936. *Newton Centre*
 Webster, Earle Hanson, A.B. 1936. *Bridgewater*
 Weller, Thomas Huckle, A.B. (*Univ. of Michigan*) 1936, M.S. (*ibid.*) 1937.
Ann Arbor, Mich.
 Wells, Samuel Mauldin, A.B. (*Princeton Univ.*) 1936. *Winchester*
 White, LeMoyné, A.B. 1936. *Pasadena, Calif.*
 White, William Alvin, Jr., s.B. (*Mount Union Coll.*) 1936. *Canton, Ohio*
 Zooloomian, Hrad Haig, A.B. (*Brown Univ.*) 1936. *Cranston, R.I.*

SECOND CLASS

- Ahrens, Edward Hamblin, Jr., s.B. 1937. *Bronxville, N.Y.*
 Allen, John Darlen, Jr., A.B. (*Davidson Coll.*) 1937. *Louisville, Ky.*

‡ Admitted on basis of three years' college work (in several cases work for degree completed).

* Transferred to Third Year Class.

° Transferred to Second Year Class.

- Armstrong, Charles Dorsey, A.B. (*Stanford Univ.*) 1937. *San Jose, Calif.*
 Arneson, Wallace Aggergaard, A.B. (*Yankton Coll.*) 1937. *Irene, S. Dak.*
 Barnes, William Lester, A.B. (*Acadia Univ.*) 1933. *Lexington*
 Barrett, Harold Spencer, A.B. (*Brown Univ.*) 1937. *North Providence, R.I.*
 Benditt, Earl Philip, A.B. (*Swarthmore Coll.*) 1937. *Philadelphia, Pa.*
 Bennett, Gordon Perley, A.B. (*Dartmouth Coll.*) 1937. *Swampscott*
 Bennison, Bertrand Earl, S.B. (*Massachusetts Inst. of Technology*) 1937. *Newton*
 Berg, Milton Louis, A.B. (*Brown Univ.*) 1937. *Plymouth*
 Bering, Edgar Andrew, Jr., A.B. (*Univ. of Utah*) 1937. *Salt Lake City, Utah*
 Bigelow, Leslie Cole, A.B. 1936. *Columbus, Ohio*
 Bloor, Robert John, A.B. (*Univ. of Rochester*) 1937. *Rochester, N.Y.*
 Borden, Craig Warren, A.B. (*Oberlin Coll.*) 1937. *Miamisburg, Ohio*
 Brean, Henry Philip, A.B. (*Yale Univ.*) 1937. *Richmond Hill, N.Y.*
 Burke, Simpson Smedley, Jr., A.B. (*Univ. of California*) 1937. *Los Angeles, Calif.*
 Butterfield, Walter Lamont, Jr., A.B. (*Univ. of Maine*) 1937. *Dexter, Maine*
 Byrne, John Joseph, A.B. (*Princeton Univ.*) 1937. *Morristown, N.J.*
 Carter, Franklin, III, S.B. (*Yale Univ.*) 1935. *New Canaan, Conn.*
 Carter, Max George, A.B. (*Univ. of Oregon*) 1937. *Medford, Oregon*
 Clowes, George Henry Alexander, Jr., S.B. 1937. *Indianapolis, Ind.*
 Collins, Raymond C., A.B. (*DePauw Univ.*) 1935, A.M. (*Wesleyan Univ.*) 1936. *Noblesville, Ind.*
 Comstock, George Wills, S.B. (*Antioch Coll.*) 1937. *Niagara Falls, N.Y.*
 Constable, William Pepper, Jr., A.B. (*Princeton Univ.*) 1936. *Baltimore, Md.*
 Culver, Perry James, A.B. 1937. *Exeter, N.H.*
 Cussler, Robert Catlin, A.B. (*Yale Univ.*) 1937. *New York, N.Y.*
 Daniel, William Warren, A.B. (*Univ. of North Carolina*) 1937. *Wilson, N.C.*
 †Dyke, John Rand (*Univ. of New Hampshire*). *Atkinson, N.H.*
 †Edgar, Erwood George (*Univ. of Michigan*). *Toledo, Ohio*
 Elkin, Milton, A.B. 1937. *Dorchester*
 Farmer, Thomas Wohlsen, A.B. 1935, A.M. (*Duke Univ.*) 1937. *Lancaster, Pa.*
 Feder, Samuel Lamie, A.B. 1937. *Philadelphia, Pa.*
 Finck, Albert Jacob, A.B. 1937. *Brookline*
 Foley, Joseph Michael, A.B. (*Coll. of the Holy Cross*) 1937. *Dorchester*
 Fowler, Ward Scott, A.B. (*Swarthmore Coll.*) 1937. *Eldora, Iowa*
 Frantz, Ivan DeRay, Jr., A.B. (*Duke Univ.*) 1937. *Clarksburg, W. Va.*
 Fuller, Henry Shepard, S.B. (*Worcester Polytechnic Inst.*) 1937. *Washington, D.C.*
 Furste, Wesley Leonard, II, A.B. 1937. *Cincinnati, Ohio*
 †Gardner, Carl Clinton, Jr. (*Vanderbilt Univ.*). *Columbia, Tenn.*
 Grier, Robert Stewart, S.B. (*Westminster Coll.*) 1937. *Pittsburgh, Pa.*
 Hallborg, Robert Babcock, A.B. (*Brown Univ.*) 1937. *Upper Montclair, N.J.*
 Hamlin, Charles Hezekiah, A.B. (*Middlebury Coll.*) 1937. *Amherst*

† Admitted on basis of three years' college work (in several cases work for degree completed).

- ‡Hammes, Ernest Macfarlane, S.B. (*Yale Univ.*) 1938. St. Paul, Minn.
 Harper, Paul Vincent, Jr., A.B. 1937. Lake Forest, Ill.
 Harrold, Charles Cotton, Jr., S.B. (*Univ. of Georgia*) 1937. Macon, Ga.
 Hartwig, Arthur Raymond, A.B. 1937. Lawrence
 Hawn, Clinton Van Zandt, A.B. (*Williams Coll.*) 1937. Albany, N.Y.
 †Hayes, Egbert Morris (*Yenching Univ. and Univ. of Michigan*). Syracuse, N.Y.
 Heller, Henry Knecht, A.B. (*Yale Univ.*) 1937. Bethlehem, Pa.
 †Heskett, Robert Glynn (*Harvard Univ.*) Minneapolis, Minn.
 Hinman, Crawford Holmes, A.B. (*Dartmouth Coll.*) 1937. Westmount, P.Q., Canada
 Horn, Charles David, S.B. (*Yale Univ.*) 1937. New York, N.Y.
 Houck, John Deetz, A.B. (*Lehigh Univ.*) 1937. Scranton, Pa.
 Hufnagel, Charles Anthony, S.B. (*Notre Dame Univ.*) 1937. Richmond, Ind.
 °Johnson, Robert Eugene, S.B. (*Univ. of Washington*) 1931, B.A. (*Univ. of Oxford*)
 1934, PH.D. (*ibid.*) 1935 [*Univ. of Oxford Medical School*]. Cambridge
 Kanwit, Bert Alfred, A.B. (*Univ. of Michigan*) 1937. Lynbrook, Long Island, N.Y.
 Kelman, Norman Joseph, A.B. (*Wesleyan Univ.*) 1936, A.M. (*Columbia Univ.*)
 1937. Wallingford, Conn.
 Kerr, Andrew, Jr., A.B. (*Colgate Univ.*) 1937. Hamilton, N.Y.
 Klibanoff, Samuel Raymond, S.B. (*Massachusetts State Coll.*) 1937. Springfield
 Knapp, Peter Hobart, A.B. 1937. Syracuse, N.Y.
 Kroopf, Stanford Shea, A.B. (*Stanford Univ.*) 1937. Los Angeles, Calif.
 Landsteiner, Ernest Karl, S.B. (*Harvard Univ.*) 1938. New York, N.Y.
 Levenson, Stanley Melvin, A.B. 1937. Dorchester
 Levine, Howard, A.B. (*Univ. of Illinois*) 1937. New Britain, Conn.
 Linenthal, Arthur Joseph, A.B. 1937. Brookline
 Lipofsky, Herbert Daniel, A.B. (*Yale Univ.*) 1937. New Haven, Conn.
 †Lofgren, Karl Adolph (*Northwestern Univ.*). Rockford, Ill.
 Loomis, William Farnsworth, S.B. (*Harvard Univ.*) 1938. Tuxedo Park, N.Y.
 McLauthlin, Carl Herbert, A.B. (*Univ. of Colorado*) 1937. Denver, Colo.
 Marietta, John Stanley, A.B. (*Univ. of Kansas*) 1937. Salina, Kans.
 Miller, Harry Heyburn, S.B. (*California Inst. of Technology*) 1937. Bend, Oregon
 Miller, Richard Cramer, A.B. (*Univ. of Missouri*) 1937. Kansas City, Mo.
 Moffitt, Herbert Charles, Jr., A.B. (*Univ. of California*) 1937. San Francisco, Calif.
 Murray, Roderick, B.Sc. (*Univ. of the Witwatersrand*) 1930, M.Sc. (*Univ. of South Africa*) 1931. Boksburg, South Africa
 Neild, Harold Wallace, S.B. (*Purdue Univ.*) 1931, S.M. (*Univ. of Illinois*) 1934. Champaign, Ill.
 Nieckoski, Julian, A.B. 1937. Deerfield
 Nulsen, Francis Edwin, S.B. (*Haverford Coll.*) 1937. St. Louis, Mo.
 †Ohle, Elpenor Rudolf (*Harvard Univ.*). Stonington, Conn.

‡ Admitted on basis of three years' college work (in several cases work for degree completed).

° Transferred to Second Year Class.

- Ohler, Robert Loring, S.B. (*Univ. of Maine*) 1937. *Newton Highlands*
 Perry, John Weir, A.B. 1936. *Providence, R.I.*
 Peters, John Hodge, A.B. (*Yale Univ.*) 1937. *New Haven, Conn.*
 Pieper, Ernest John, Jr., A.B. (*Johns Hopkins Univ.*) 1937. *Lancaster, Pa.*
 Pomeroy, Woodman Bradbury, A.B. (*Lafayette Coll.*) 1937. *Pittsburgh, Pa.*
 Pope, Alfred, A.B. 1937. *Milton*
 Potter, William Hotchkiss, A.B. (*Yale Univ.*) 1937. *Buffalo, N.Y.*
 Prout, Curtis, A.B. 1937. *Chestnut Hill*
 Raker, John William, S.B. (*Bucknell Univ.*) 1937. *Kutztown, Pa.*
 Rector, Edgar Moskedal, S.B. (*Haverford Coll.*) 1937. *Evanston, Ill.*
 Reyer, William Atwood, S.B. (*Rensselaer Polytechnic Inst.*) 1937. *Sharon, Pa.*
 Richter, John Carl, Jr., A.B. (*Dartmouth Coll.*) 1937. *La Porte, Ind.*
 Risley, Thomas Simpson, S.B. 1937. *Waterville, Maine*
 Rogers, Joseph, A.B. (*Bowdoin Coll.*) 1937. *Boston*
 Ross, Lawrence, A.B. 1937. *Utica, N.Y.*
 †Rowe, Murle Laurens, Jr., A.B. (*Colgate Univ.*) 1938. *Dunkirk, N.Y.*
 Sappington, Thomas Stone, A.B. 1937. *Washington, D.C.*
 Schilling, John Albert, A.B. (*Dartmouth Coll.*) 1937. *Kansas City, Mo.*
 Scott, David Henry, S.B. (*Univ. of Florida*) 1937. *Arcadia, Fla.*
 Scott, Henry William, Jr., A.B. (*Univ. of North Carolina*) 1937. *Graham, N.C.*
 Scott, Oliver Kennard, S.B. 1937. *Framingham*
 †Seaman, William Bernard (*Univ. of Michigan*). *Iron Mountain, Mich.*
 Selverstone, Bertram, A.B. (*Columbia Univ.*) 1937. *Brooklyn, N.Y.*
 Shaffner, Louis de Schweinitz, A.B. (*Univ. of North Carolina*) 1937. *Winston-Salem, N. C.*
 Shaw, Lister Harvey, S.B. (*Tufts Coll.*) 1934. *Lowell*
 Sherrick, Joseph Chauncey, A.B. (*Monmouth Coll.*) 1937. *Monmouth, Ill.*
 Sholl, John Gurney, III, S.B. (*Bucknell Univ.*) 1937. *Pitman, N.J.*
 °Smith, Hubert Winston, A.B. (*Univ. of Texas*) 1927, M.B.A. (*ibid.*) 1931, LL.B. *Dallas, Texas.*
 (*Harvard University*) 1930. *Indianapolis, Ind.*
 Sommers, Sheldon Charles, S.B. 1937. *Wilmington, N.C.*
 Sprunt, Charles Worth, S.B. (*Davidson Coll.*) 1937. *Juneau, Alaska*
 Stewart, John Ewin, S.B. (*Univ. of Washington*) 1936. *New York, N.Y.*
 Tabor, Herbert, A.B. 1937. *Roorkee, U.P., India*
 Taylor, Carl Ernest, S.B. (*Muskingum Coll.*) 1937. *Traverse City, Mich.*
 Thirlby, Richard Leeson, A.B. (*Dartmouth Coll.*) 1937. *Clinton, Wis.*
 Thomas, William Orvill, Jr., A.B. (*Dartmouth Coll.*) 1937. *Lynn*
 Tucker, Arthur Wallace, Jr., A.B. (*Dartmouth Coll.*) 1937. *Hankow, China*
 Tucker, Francis Carlile, A.B. (*Oberlin Coll.*) 1937. *van der Westhuysen, Ockert Petrus, B.Sc. (Univ. of South Africa) 1934, M.Sc.*
 (*ibid.*) 1935. *Bloemfontein, Free State, South Africa*
 Van Slyke, Karl Keller, S.B. 1937. *Bronxville, N.Y.*

† Admitted on basis of three years' college work (in several cases work for degree completed).

° Transferred to Second Year Class.

- °Warren, Lyman Otis, Jr., A.B. 1936 [Columbia Univ. Coll. of Physicians and Surgeons]. *Brighton*
- Watts, Malcolm Stuart McNeal, Jr., A.B. 1937. *New York, N.Y.*
- ‡Weston, Robert Alphaeus, Jr. (*Univ. of Michigan*). *Des Moines, Iowa*
- Whatmore, Joseph Henry, II, S.B. (*Univ. of Washington*) 1936. *Seattle, Wash.*
- Wiggins, John Carroll, Jr., A.B. (*Univ. of North Carolina*) 1937. *Winston-Salem, N. C.*
- ‡Wiley, Jason LaRue, Jr. (*Antioch Coll.*). *Auburn, N.Y.*
- Williams, George, Jr., S.B. (*Univ. of Florida*) 1937. *Miami, Fla.*
- Winslow, Donald Judson, S.B. (*Bates Coll.*) 1937. *Lewiston, Maine*
- Young, Edward Lorraine, III, S.B. 1937. *Brookline*
- Young, Thomas Laclede, A.B. (*Washington Univ.*) 1937. *Alton, Ill.*

FIRST CLASS

- August, Stanley, A.B. (*New York Univ.*) 1938. *Brooklyn, N.Y.*
- Averill, Charles, A.B. (*Amherst Coll.*) 1935, A.M. 1938. *Philadelphia, Pa.*
- Ayers, William Berton, A.B. (*Lehigh Univ.*) 1938. *Bethlehem, Pa.*
- Baird, Raleigh William, A.B. (*Rice Institute*) 1938. *Dallas, Texas*
- Baker, William Jessamin, A.B. 1936. *Cambridge*
- Bamberg, Paul Gustav, A.B. 1938. *Mattapan*
- Bautze, Frank Augustus, A.B. 1936. *Jamaica Plain*
- Bear, Jack Compton, A.B. (*Washington and Lee Univ.*) 1938. *Montgomery, Ala.*
- Bellinger, Martin John, S.B. (*Univ. of Arizona*) 1937, S.M. (*ibid.*) 1937. *Miami, Ariz.*
- Bigelow, Frederick Shattuck, S.B. 1938. *Concord*
- Bird, Kenneth Thomas, S.B. 1938. *Watertown*
- Blodgett, James Thomas, S.B. (*Bowdoin Coll.*) 1938. *Woburn*
- Blute, James Francis, Jr., A.B. (*Boston Coll.*) 1938. *Newton*
- Bondy, Philip Kramer, A.B. (*Columbia Univ.*) 1938. *New Rochelle, N.Y.*
- Bornstein, Jacob, A.B. 1938. *Chelsea*
- Bradbury, Francis Wilson, A.B. (*Univ. of Maine*) 1938. *Brewer, Maine*
- Bransford, Paul Wesley, A.B. (*Duke Univ.*) 1938. *Anderson, Ind.*
- Breed, Charles Norcross, Jr., A.B. 1936. *Swampscott*
- Brewster, William Beckwith, Jr., A.B. 1938. *Waterbury, Conn.*
- Callow, Allan Dana, S.B. (*Tufts Coll.*) 1938. *W. Somerville*
- Carter, William Phelps, A.B. (*Yale Univ.*) 1938. *New Canaan, Conn.*
- ‡Case, Clarke Tillman (*Cornell Univ.*) *Pyinmana, Burma*
- Cattell, James Paul, A.B. (*Miami Univ.*) 1938. *Steuensville, Ohio*
- Chambers, John Sharpe, Jr., A.B. (*Univ. of Kentucky*) 1937. *Lexington, Ky.*
- Chrisman, Oscar Donald, Jr., S.B. 1938. *Springfield, Mo.*
- Christensen, William Rozelle, A.B. (*Univ. of Utah*) 1938. *Salt Lake City, Utah*
- Clarke, Burdick Green, A.B. 1938. *Winnetka, Ill.*
- Cobb, Cully Alton, Jr., S.B. (*George Washington Univ.*) 1938. *Atlanta, Ga.*
- Cobb, Sidney, S.B. 1938. *Milton*

° Transferred to Second Year Class.

‡ Admitted on basis of three years' college work (in several cases work for degree completed).

- Cook, Hale Henry, A.B. (*Cornell Univ.*) 1938. *Yonkers, N.Y.*
 Creese, Philip Guy, A.B. (*Amherst Coll.*) 1938. *Danvers*
 Dillard, Peter Harrison, A.B. (*West Virginia Univ.*) 1938. *San Antonio, Texas*
 Donald, William Goodricke, Jr., A.B. (*Univ. of California*) 1938. *Berkeley, Calif.*
 Dove, David, S.B. 1938. *South Sudbury*
 Drake, Ellery Theodore, A.B. (*Ohio State Univ.*) 1938. *Buffalo, N.Y.*
 Draper, Arthur Joy, Jr., A.B. (*Yale Univ.*) 1937. *Charlotte, N.C.*
 Duncan, Thomas Lee, A.B. (*Williams Coll.*) 1938. *Brooklyn, N.Y.*
 Du Toit, Charles Hill, A.B. (*Univ. of Minnesota*) 1938. *Minneapolis, Minn.*
 Eder, Howard Abram, A.B. (*Univ. of Wisconsin*) 1938. *Milwaukee, Wis.*
 Elliott, Thomas Henry, A.B. (*Swarthmore Coll.*) 1938. *Seattle, Wash.*
 Erler, Theodore George, Jr., A.B. (*Denison Univ.*) 1938. *Geneva, Ohio*
 Evert, John Andrew, Jr., S.B. (*Haverford Coll.*) 1938. *Glendive, Mont.*
 Farmer, Douglas Alexander, A.B. (*Univ. of Michigan*) 1938. *Hinsdale, Ill.*
 †Farr, Hollon Woodhull (*Yale Univ.*) *New York, N.Y.*
 Fawcett, Don Wayne, A.B. 1938. *West Branch, Iowa*
 §Fellows, Norman Miles (*Pomona Coll., Univ. of Iowa, and Univ. of California*).
Claremont, Calif.
 FitzGerald, James Arnold, S.B. (*Boston Coll.*) 1938. *Brookline*
 Fox, Ralph McIntosh, S.B. (*Yale Univ.*) 1938. *Bloomington, Ill.*
 Gage, Robert Wilcox, S.B. (*Massachusetts State Coll.*) 1938. *Needham*
 Gentry, Robert Wilton, S.B. (*Connecticut State Coll.*) 1937. *Storrs, Conn.*
 †Golden, Abner (*Johns Hopkins Univ. and Columbia Univ.*) *New York, N.Y.*
 Gray, Daniel Roger, Jr., S.B. (*Univ. of the South*) 1938. *Mount Pleasant, Tenn.*
 Greenberg, Richard Walter, A.B. (*Yale Univ.*) 1938. *Newark, N.J.*
 †Hall, William Kearney (*Yale Univ.*) *Springfield, Mo.*
 Herrera, Rodolfo Eduardo, S.B. (*Massachusetts Inst. of Technology*) 1938.
Guatemala City, Guatemala, C.A.
 Higgins, George Alfred, Jr., S.B. (*Univ. of New Mexico*) 1938. *Albuquerque, N.M.*
 Hinkle, Lawrence Earl, Jr., A.B. (*Univ. of North Carolina*) 1938. *Raleigh, N.C.*
 Howe, Calderon, A.B. (*Yale Univ.*) 1938. *Newport, R.I.*
 Hutter, Charles George, Jr., S.B. 1938. *Madison Barracks, N.Y.*
 Jordan, William Stone, A.B. (*Univ. of North Carolina*) 1938. *Fayetteville, N.C.*
 Kavan, Lucien Cyril, A.B. (*Univ. of Nebraska*) 1938. *Clarkson, Nebr.*
 Kaye, Harry D. L., A.B. (*Columbia Univ.*) 1938. *New York, N.Y.*
 Kelley, Edmund Parmelee, S.B. (*Univ. of Washington*) 1937. *Seattle, Wash.*
 Kirklin, John Webster, A.B. (*Univ. of Minnesota*) 1938. *Rochester, Minn.*
 †Kreisle, James Edwin (*Univ. of Texas*). *Austin, Texas*
 Kurzweg, Frank Turner, S.B. 1938. *Plaquemine, La.*
 Lahey, William Joseph, S.B. (*Trinity Coll.*) 1938. *East Hartford, Conn.*
 Lambert, Edward Cary, S.B. 1938. *Spokane, Wash.*
 Leigh, Randolph, Jr., S.B. (*Virginia Military Inst.*) 1938. *McLean, Va.*

† Admitted on basis of three years' college work (in several cases work for degree completed).

§ Admitted on basis of four years' college work.

- Leymaster, Glen Ronald, A.B. (*Univ. of Nebraska*) 1938. Aurora, Nebr.
 Livingstone, Robert Gerald, S.B. (*Pennsylvania State Coll.*) 1936. Windber, Pa.
 Luria, Sidney Bennett, S.B. (*Middlebury Coll.*) 1938. Waterbury, Conn.
 McConahey, William McConnell, Jr., A.B. (*Washington and Jefferson Coll.*) 1938. Sharon, Pa.
 McDermott, William Vincent, Jr., A.B. 1938. Salem
 Macgregor, Charles Alexander, A.B. (*Colby Coll.*) 1938. Rumford, Maine.
 McPherson, John Hanson Thomas, Jr., A.B. (*Univ. of Georgia*) 1938. Athens, Ga.
 Mankin, Harold, A.B. (*Columbia Univ.*) 1938. New York, N.Y.
 Mendeloff, Albert Irwin, A.B. (*Princeton Univ.*) 1938. Charleston, W. Va.
 Merrill, John Putnam, A.B. (*Dartmouth Coll.*) 1938. Hartford, Conn.
 Middlebrook, Gardner, A.B. 1938. Northfield, Vt.
 Millet, John Bradford, S.B. 1938. New York, N.Y.
 Mixter, George, Jr., S.B. 1938. Hardwick
 Mock, Charles Jackson, A.B. (*Dartmouth Coll.*) 1938. Evanston, Ill.
 Morgan, Herbert Roy, A.B. (*Univ. of California*) 1936, A.M. (*ibid.*) 1938. Bell, Calif.
 Morse, Chester William, A.B. 1938. Brockton
 Neander, David Grayson, S.B. (*Rutgers Univ.*) 1938. Saugerties, N.Y.
 Nelson, Carl Truman, A.B. 1935. Jamaica Plain
 Newstedt, John Roger, A.B. (*Yale Univ.*) 1938. Cincinnati, Ohio
 Olson, Raymond Oscar, A.B. (*Brown Univ.*) 1937. Providence, R.I.
 O'Reilly, Daniel Elliott, A.B. 1938. St. Louis, Mo.
 Osborne, Melvin Palliser, A.B. (*Yale Univ.*) 1938. Omaha, Nebr.
 Patterson, Joseph Flanner, Jr., A.B. (*Univ. of North Carolina*) 1938. New Bern, N.C.
 Paul, Oglesby, A.B. 1938. Milton
 Piersol, George Morris, Jr., S.B. (*Yale Univ.*) 1938. Huntingdon Valley, Pa.
 Porter, Charles Talbot, Jr., B.E. (*Yale Univ.*) 1936. New Haven, Conn.
 Rand, Charles Gordon, A.B. (*Mount Allison Univ.*) 1938. Moncton, N.B., Canada
 Reagan, Lindley Bertram, A.B. (*Haverford Coll.*) 1938. Poughkeepsie, N.Y.
 †Richards, Dexter Newell, Jr. (*Stanford Univ.*) Berkeley, Calif.
 Richards, Harlow Gill, A.B. (*Stanford Univ.*) 1938. Salt Lake City, Utah
 Riddell, Richard Vernon, A.B. (*Central Coll.*) 1938. Elizabeth, N.J.
 Robie, Theodore Parks, S.B. 1938. New York, N.Y.
 Roddenbery, Seaborn Anderson, S.B. (*Univ. of Georgia*) 1938. Savannah, Ga.
 Round, Charles Brayton, A.B. (*Brown Univ.*) 1938. Providence, R.I.
 Sachs, Ernest, Jr., A.B. 1938. St. Louis, Mo.
 Sack, Theodore, A.B. (*Brown Univ.*) 1938. Providence, R.I.
 Schwab, John Morgan, A.B. (*Williams Coll.*) 1938. Binghamton, N.Y.
 Shoukimas, John, A.B. (*Bowdoin Coll.*) 1938. Lawrence
 Skinner, Abbott, A.B. (*Carleton Coll.*) 1938. St. Paul, Minn.

† Admitted on basis of three years' college work (in several cases work for degree completed).

Storey, Charles Moorfield, Jr., A.B. 1937.	<i>Jamaica Plain</i>
†Strauch, James Henry (<i>Ohio Wesleyan Univ.</i>)	<i>Canton, Ohio</i>
Thompson, John Quitman Underwood, A.B. 1938.	<i>Jacksonville, Fla.</i>
Tracy, Robert Jackson, S.B. (<i>Yale Univ.</i>) 1936.	<i>Concord</i>
†VanderLaan, Willard Parker, Jr. (<i>Hope Coll. and Oberlin Coll.</i>)	<i>Muskegon, Mich.</i>
Wagner, Samuel Leonard, A.B. 1938.	<i>Pocasset</i>
Ware, Paul Francis, A.B. (<i>Coll. of the Holy Cross</i>) 1938.	<i>Clinton</i>
Watts, William Edward, S.B. (<i>Univ. of Washington</i>) 1938.	<i>Seattle, Wash.</i>
Webb, Leslie Richard, Jr., A.B. (<i>Dartmouth Coll.</i>) 1938.	<i>Springfield, Mo.</i>
Weed, Chester Alberti, A.B. (<i>Amherst Coll.</i>) 1938.	<i>Torrington, Conn.</i>
Weiner, Albert Edward, A.B. 1938.	<i>Waltham</i>
Wesson, Laurence Goddard, Jr., A.B. (<i>Haverford Coll.</i>) 1938.	<i>Boston</i>
White, Eugene Alfred, A.B. (<i>Colgate Univ.</i>) 1938.	<i>Whitesboro, N.Y.</i>
Williams, Carrington, Jr., A.B. (<i>Univ. of Virginia</i>) 1938.	<i>Richmond, Va.</i>
Williamson, Charles Ready, S.B. (<i>Univ. of Virginia</i>) 1938.	<i>Lebanon, Tenn.</i>
Zinsser, Hans Handforth, S.B. 1938.	<i>Boston</i>

HARVARD MEDICAL SCHOOL NATIONAL SCHOLARSHIPS AWARDED 1938-39 TO:

FIRST YEAR CLASS

CLARKE TILLMAN CASE, of Cornell University and Pinyinmana, Burma.
 GLEN RONALD LEYMASTER, of the University of Nebraska and Aurora, Nebraska.
 LAURENCE GODDARD WESSON, JR., of Haverford College and Baltimore, Maryland.

SECOND YEAR CLASS

WARD SCOTT FOWLER, of Swarthmore College and Eldora, Iowa.
 CARL CLINTON GARDNER, JR., of Vanderbilt University and Columbia, Tennessee.
 WILLIAM FARNSWORTH LOOMIS, of Harvard College and Tuxedo Park, New York.

HENRY ASBURY CHRISTIAN PRIZE AWARDED 1938 TO:

JOHN MAIER, of Harvard College and Royersford, Pennsylvania.

SUMMARY

CANDIDATES FOR THE DEGREE OF DOCTOR OF MEDICINE

FOURTH CLASS.....	131
THIRD CLASS.....	134
SECOND CLASS.....	127
FIRST CLASS.....	124
Total	516

† Admitted on basis of three years' college work (in several cases work for degree completed).

TEACHING STAFF

Members of the Faculty of Medicine are indicated by heavy-face type.

	PAGES		PAGES
Abrams, M. I.....	53	Blackfan, K. D.....	65
Abramson, D.....	68	Blanchard, W. O.....	53
Adams, J., Jr.....	58	Bland, E. F.....	53
Adams, R.....	71	Blank, I. H.....	58
Adams, R. D.....	60	Bloomberg, W.....	59
Adler, A.....	60	Blumgart, H. L.....	52
Akerson, I. B.....	48	Bogan, F. L.....	77
Albright, F.....	52	Botsford, T. W.....	71
Aldrich, R. H.....	71	Boyle, P. E.....	48
Alexander, B.....	45, 53	Brailey, A. G.....	53
Alexander, L.....	59	Breed, W. B.....	52
Allen, A. W.....	70	Bremer, J. L.....	40
Altschule, M. D.....	53	Brewster, A. H.....	76
Anthonisen, N. L.....	60	Brickley, W. J.....	51
Atkinson, G. D.....	71	Bristol, D. J., Jr.....	68
Aub, J. C.....	52	Brown, L. T.....	76
Augustine, D. L.....	50	Brown, M. G.....	53
Austen, G., Jr.....	71	Brücke, E. T. von.....	43
Aycock, W. L.....	69	Brues, A. M.....	52
Ayer, G. D., Jr.....	48	Budnitz, E.....	53
Ayer, J. B.....	59	Burgin, L. B.....	66
Backe, I.....	60	Burwell, C. S.....	11, 52
Badger, T. L.....	53	Butler, A. M.....	65
Bailey, O. T.....	48	Butler, P. F.....	52
*Baker, L. W.....		Byers, R. K.....	65
Baker, M. P.....	53	Cahill, H. P.....	77
Balch, F. G., Jr.....	71	Campbell, C. M.....	59
Banks, B. M.....	53	Canavan, M. M.....	17
Barnes, H. A.....	78	Caner, G. C.....	59
Barnes, L. A.....	69	Cannon, W. B.....	43
Barr, J. S.....	76	Carey, B. W., Jr.....	46, 65
Bauer, W.....	52	Casten, V. G.....	63
Beaser, S. B.....	53	Castle, W. B.....	52
*Beckford, F. A.....		Castleman, B.....	48
Beecher, H. K.....	71	Cave, E. F.....	76
Beetham, W. P.....	63	Chandler, C. A.....	46, 68
Benda, C. E.....	60	Chandler, P. A.....	63
Benedict, E. B.....	71	Chapman, E. M.....	53
Bennett, G. A.....	47	Cheever, A. W.....	58
Bennett, H. S.....	41	Cheever, D.....	70
Bequaert, J. C.....	50	Christian, H. A.....	52
Berman, S.....	68	Churchill, E. D.....	70
Bessey, O. A.....	45, 48	Clark, R. A.....	60

* Appointment in Dental School.

	PAGES		PAGES
Clement, D. H.	66	Eades, M. F.	68
Clifford, M. H.	53	Easton, M. T.	63
Clifford, S. H.	65	Edsall, G.	66
Clymer, G.	59	Edsall, J. T.	44
Cobb, S.	59	Edwards, E. A.	41
Cochrane, R. C.	70	Eley, R. C.	65
Cogan, D. G.	63, 64	Ellis, L. B.	53
Coggeshall, H. C.	54	Elliston, W. A.	76
Cohen, J. P.	68	Emerson, P. W.	65
Cohen, M. E.	60	Emery, E. S., Jr.	53
Cohn, E. J.	44	Enders, J. F.	46
Colby, F. H.	71	Eppinger, E. C.	11, 53
Cole, E. M.	60	Epstein, S. H.	60
Colson, Z. W.	64	Eustis, R. S.	65
Conant, J. B.	8, 11	Evans, M. G.	78
Conel, J. L.	48	Farber, S.	47
Contratto, A. W.	53	Farnsworth, K. C.	41
Coombs, F. S., Jr.	54	Faulkner, J. M.	53
Coon, G. P.	59	Faxon, H. H.	71
Coonse, G. K.	76	Ferrone, J. D.	68
Cope, O.	71	Ferry, R. M.	44
Cornwall, B. F.	68	Fine, J.	71
Coyne, J. A.	68	Finesinger, J. E.	59
Craig, F. N.	43	Finland, M.	52
Crawford, G. M.	58	Finley, K. H.	59
Crothers, B.	65	Fiske, C. H.	45
Curnen, E. C., Jr.	66	Fitz, R.	52
*Cushman, F. H.		Flake, C. G.	71
Cutler, E. C.	70	Fleming, R. E.	59
Daffinee, R. W.	66	Forbes, A.	43
Daland, E. M.	71	Forbes, H. S.	59
Davenport, L. F.	52	Fothergill, L. D.	46, 65
Davies, J. A. V.	65	Franseen, C. C.	71
Davis, A. L.	71	Fred, G. B.	78
Davis, D.	53	Freeman, D. W.	66
Davis, H.	43	Fremont-Smith, M.	53, 60
Deich, J. F.	75	Friedgood, H. B.	43, 53
Delaunay, A.	48	Fulton, M. N.	11, 52
d'Elseaux, F. C.	60	Gallup, H. E.	65
Dempsey, E. W.	43	Gamble, J. L.	65
Deriek, C. L.	52	Gardner, G. E.	66
Derow, H. A.	53	Garfield, S.	66
Deutsch, F.	60	Gargill, S. L.	52
Dexter, L.	54	Garland, F. E.	78
Diamond, L. K.	65	Garland, J.	65
Dienes, L. L.	46	Gauld, A. G.	68
Dresser, R.	53	Geiman, Q. M.	50
Drinker, C. K.	43	Gessler, C. J. J. H.	54
Duncan, C. J.	75	Gibbs, F. A.	59
Dunphy, E. B.	63	Gibson, J. G., 2d.	54
Dunphy, J. E.	72	Gilligan, D. R.	54
Dustin, P.	54	Goethals, T. R.	68

* Appointment in Dental School.

	PAGES		PAGES
Goodale, R. L.	78	Hubbard, E., Jr.	65
Goodall, E. B.	63	Hubbard, J. P.	66
Goodman, J.	58	Huber, E. G.	69
Gordon, J. E.	69	Hudson, H. W., Jr.	72
Gordon, W. H.	54	Hugenberger, P. W.	76
Grabfield, G. P.	51	Hunter, R. W.	60
Grafflin, A. L.	40	Hurwitz, A.	72
Graves, S. C.	75	Hurwitz, D.	54
Gray, M. G.	60	Iglauer, A.	54
Green, A. A.	66	Ingalls, T. H.	66
Green, R. M.	40, 75	Ingelfinger, F. J.	54
Green, W. T.	76	Ingraham, F. D.	72
Greenstein, J. P.	44	Irving, F. C.	68
Gross, R. E.	71	Jackson, H., Jr.	52
Grossman, H. P.	63	Jacobson, B. M.	52
Gundersen, T.	63, 64	Janeway, C. A.	46
Gustafson, P.	68	Jones, C. M.	52
Haimovici, H.	43	Jones, T. D.	52
Hale, W.	11, 51	Joplin, R. J.	76
Hall, F. C.	53	Kappius, M. V.	68
Hall, V. R., Jr.	60	Kark, R. M.	54
Halsted, J. A.	53	Kaufman, M. R.	59
Ham, T. H.	53	*Kazanjan, V. H.	
Hamilton, F. A.	41	Keefer, C. S.	52
Hamlin, E., Jr.	71	Keeler, C. E.	64
Hampton, A. O.	53	Kellogg, F. S.	68
Harberson, J. C.	71	Kevorkian, A. Y.	72
Harmer, T. W.	41, 71	Kiese, M. M. E.	45
Harrison, J. H.	71	King, D. S.	52
Hass, G. M.	48	King, M. J.	63, 64
Hastings, A. B.	45	King, W. D., Jr.	54
Hawkins, J. E., Jr.	43	Klainer, M. J.	54
Hayden, E. P.	72	Klemperer, F. W.	45
Heath, C. W.	52	Kmecza, J. M.	50
Henderson, L. J.	44	Knowlton, C. D.	78
Herman, E. W.	78	Kranes, A.	54
Hermann, O. J.	71	Krayer, O.	51
Hertig, A. T.	47, 68	Krinsky, C. M.	60
Hertig, M.	50	Kubik, C. S.	59
Hertz, S.	54	Kuhns, J. G.	76
Higgins, H. L.	65	Kunkel, P.	54
Hill, L. W.	65	Kurotchkin, T. J.	46
Hinton, W. A.	46, 69	Ladd, W. E.	70
Hodes, B. R.	43	Lamb, C. A.	72
Hoefer, P. F. A.	60	Lane, C. G.	58
Holmes, G. W.	52	Lanman, T. H.	70
Homans, J.	70	Larkin, J. C.	54
Hornor, A. A.	50, 53	Larson, C. B.	76
Hoskins, R. G.	43	Leahey, B. D.	63
Howard, E. McC.	60	Lee, M. O.	43
Howe, H. F.	72	Legg, A. T.	76
Howe, P. R.	48	Leland, G. A., Jr.	71

* Appointment in Dental School.

	PAGES		PAGES
Lennox, W. G.	59	Meigs, J. V.	71
Lerman, J.	54	Meikeljohn, A. P.	54
Levenson, W. S.	72	Meltzer, P. E.	77
Levine, S. A.	52	Menkin, V.	48
Lewis, F. T.	40	Merritt, H. H.	59
Lewis, J. L.	66	Messenger, H. K.	64, 65
Lindemann, E.	59	Meyer, J.	54
Linton, R. R.	71	Michaels, J. J.	60
Lissak, C.	43	Miller, R. H.	70
Lockhart, J. C.	54	*Miner, L. M. S.	
Logan, M. A.	45	Minot, G. R.	52
Lord, E. E.	66	Mintz, E. R.	72
Louis, S.	72	Mixter, C. G.	71
Lowry, O. H.	45	Mixter, W. J.	70
Lozner, E. L.	54	Monks, J. P.	54
Luco, J. V.	43	Monroe, R. T.	52
Ludvig, E. J., 2d.	64	Moore, D. M.	66
Ludwig, A. O.	54	Moore, M.	59
Luetscher, J. A., Jr.	54	Morison, B. R.	43
Lund, C. C.	70	Morison, R. S.	41
Lurie, M. H.	77	Moritz, A. R.	51
Lyon, A. B.	65	Morris, R. H.	76
Lyons, C.	46, 71	Morrison, L. R.	60
MacCollum, D. W.	71	Morro, W. C., Jr.	45
McDonald, C. A.	60	Morse, F. W., Jr.	46
Macdonald, D. H.	78	Mosher, H. P.	77, 78
McDonough, F. K.	72	Moulton, R. T.	66
MacKay, W. M.	54	Mueller, J. H.	46
McKenzie, W. L.	66	Mueller, W.	78
McKhann, C. F.	65	Munro, D.	71
McKittrick, L. S.	71	Murphy, W. P.	52
MacMahon, C. E.	72	Myers, J. D.	55
McMeekin, T. L.	45	Myerson, A.	59
MacMillan, A. S.	54	Mysel, P.	77
Macomber, D.	68	Nason, L. H.	72
MacPherson, D. J.	60	Naterman, H. L.	54
McSweeney, D. J.	68, 75	Nathanson, I. T.	55
Maddock, S. J.	72	Nelson, C. T.	46
Mahoney, P. J.	72	Nelson, H. B.	68
Mallory, G. K.	48	Neustedt, E. S.	60
Mallory, T. B.	47	Newell, J. L.	68
Marble, A.	53	Newton, F. C.	71
Margeson, R. D.	75	Newton, H. F.	71
Marlow, F. W., Jr.	53	Norton, P. L.	76
Martin, S. F.	64	Nowak, S. J. G.	71
Massell, B. F.	54	Nye, R. N.	46
May, C. D.	66	Ober, F. R.	37, 76
May, G. E.	75	O'Hare, J. P.	52
Mazick, S. G.	60	Ohler, W. R.	52
Meakins, J. F.	46	O'Keefe, E. S.	65
Means, J. H.	52	O'Neil, E. E.	71
Mehl, J. W.	45	Orr, W. F., Jr.	60

* Appointment in Dental School.

	PAGES		PAGES
Osgood, R.	60	Rudo, N.	48
Palfrey, F. W.	52	Sachs, B.	63
Papas, P. N.	72	Sachs, H.	60
Parker, F., Jr.	47	Salter, W. T.	52
Parker, J. M.	72	Schatzki, R.	53
Parsons, C. L.	72	Schlesinger, M. J.	48
Pemberton, F. A.	75	Schnitker, M. A.	54
Peters, E.	68	Schuck, C. A.	68
Peterson, T. H.	72	Schulz, R. Z.	48
Pi Joan, M.	72	Schwab, R. S.	60
Pinkerton, H.	47	Scott, A. T.	54
Porter, C. T.	77	Sears, J. B.	72
Porter, R. R.	55	Sellards, A. W.	50
Prather, G. C.	41	Sever, J. W.	76
Pratt, H. N.	66	Shack, J. L.	45
Price, J. C.	60	Shattuck, G. C.	50
Putnam, T. J.	59	Shaw, D. T.	55
Quinby, W. C.	70	Shedden, W. M.	41
Rackemann, F. M.	52	Sheehan, E. B.	75
Raeder, O. J.	60	Sheldon, C. P.	68
Randolph, T. G.	55	Shohl, A. T.	66
Rantz, L. A.	55	Short, C. L.	54
Reggio, A. W.	71	Simeone, F. A.	72
Reid, D. E.	68	Singer, H. O.	45
Reynolds, G. P.	53	Sisson, W. R.	65
Rice, A. H.	50	Sloan, R. A.	48
Richards, L. G.	72	Small, A. S.	66
Richardson, W.	52	Smith, C. A.	66
Rieben, W. K.	45	Smith, E. C.	66
Riemer, H. B. C.	63	Smith, G. G.	71
Riley, A.	71	Smith, G. Van S.	75
Rioch, D. M.	40	Smith, J. A.	68
Riseman, J. E. F.	53	Smith, R. H.	43
Ritvo, M.	53	Smith, R. I.	71
Roberts, A.	55	Smith, R. M.	65
Roberts, S. M.	76	Smith, W. E.	46
Robertson, J. E.	55	Smith-Petersen, M. N.	76
Robins, S. A.	53	Smithwick, R. H.	72
Robinson, E. S. A.	46, 69	Snedeker, L.	66
Rock, J.	68, 75	Solomon, H. C.	59
Rogers, H.	72	Solomon, P.	60
Rogers, W. A.	76	Sosman, M. C.	52
Romano, J.	60	Spencer, H.	66
Romberg, E. C.	65	Stead, E. A., Jr.	54
Rooney, J. S.	48	Steiman, S. E.	43
Root, H. F.	53	Stetson, R. P.	53
Ropes, M. W.	54	Stewart, J. D.	71
Rose, A. S.	60	Strauss, M. B.	53
Rosenbaum, M.	60	Strieder, J. W.	72
Rosenblueth, A.	43	Stuart, H. C.	65
Ross, R. A.	66	Sturgis, G. P.	54
Rothschild, D.	60	Subba Row, Y.	45

	PAGES		PAGES
Sulkowitch, H. W.	55	Walker, I. J.	70
Sullivan, G. L.	64	Wallace, R. H.	72
Sutherland, G. F.	60	Waller, J. V.	54
Swaim, L. T.	76	Walter, C. W.	71
Swartz, J. H.	58	Warren, S.	47
Sylvester, P. H.	66	Weatherford, H. L.	40
Talbott, J. H.	52	Wegner, W. R.	72
Taylor, F. H. L.	54	Weille, F. L.	78
Taylor, G. W.	72	Weinman, D.	50
Taylor, J. F.	45	Weiss, P. F.	68
Taylor, M.	60	Weiss, S.	52
Teel, H. M.	68	Wells, F. L.	59
Tefft, R. C., Jr.	66	Wesselhoeft, C.	65
Tenney, B., Jr.	75	White, J. C.	71
Terry, T. L.	63	White, L. E.	77
Therman, P. O.	43	White, P. D.	52
*Thoma, K. H.		White, W. A., Jr.	72
Thorndike, A., Jr.	72	Wiggin, S. C.	72
Thorndike, W. T. S.	68	Wiggin, W. I.	78
Tillotson, K. J.	60	Wilkins, G. F.	72
Tobey, H. G.	78	Williams, J. T.	75
Townsend, J. H.	53	Wise, J. M.	54
Trimble, H. C.	45	Wislocki, G. B.	40
Tuohy, E. L.	66	Wolbach, S. B.	47
Turtle, W. J.	66	Wright, G. H.	78
Tyzzer, E. E.	50	Wyman, E. T.	66
Uotila, U. U.	41, 43	Yakovlev, P. I.	60
Van Gorder, G. W.	76	Yeomans, A.	55
Van Raalte, L. H.	72	Young, E. L., Jr.	71
Venable, John H.	41	Young, R. A.	60
Verhoeff, F. H.	64	Younge, P. A.	75
Viets, H. R.	59	Zeller, J. W.	55
Vogt, E. C.	53	Zetzel, L.	54
von Storch, T. J. C.	60	Zinsser, H.	46
Waite, J. H.	63	Zollinger, R.	71
Walcott, C. F.	66		

* Appointment in Dental School.

ANNOUNCEMENT FOR 1939-40

The session of the Medical School for 1939-40 begins September 25. Second, third, and fourth year students are required to register in Building C Amphitheatre on this day. First year students register in the Amphitheatre in Building C of the Harvard Medical School, on Friday, the 22nd of September, at 10 A.M.

1939.

- Sept. 22, Friday.* Registration of first year students.
- Sept. 25, Monday.* **Academic Year begins.** Registration of second, third, and fourth year students.
- Sept. 27, Wednesday.* Payment of the first instalment of the tuition fee is required on this date.
- Oct. 12, Thursday.* Columbus Day: a holiday.
- Nov. 11, Saturday.* Armistice Day: a holiday.
- Nov. 30, Thursday.* Thanksgiving Day: a holiday.
- Nov. 30, Thursday.* Payment of the second instalment of the tuition fee is required on or before this date.

RECESS FROM DEC. 23, 1939, TO JAN. 2, 1940, INCLUSIVE

1940.

- Jan. 10, Wednesday.* Last day for receiving applications for the Bullard, James Jackson Cabot, and Moseley Travelling Fellowships.
- Jan. 15, Monday.* Last day for receiving applications for the Cheever, Greene, Haven, and Mears Scholarships.
- Jan. 29, Monday.* **Second half-year begins.**
- Jan. 30, Tuesday.* Payment of the third instalment of the tuition fee is required on or before this date.
- Feb. 22, Thursday.* Washington's Birthday: a holiday.

RECESS FROM MARCH 31 TO APRIL 7, INCLUSIVE

- April 19, Friday.* Patriots' Day: a holiday.
- April 30, Tuesday.* Payment of the fourth instalment of the tuition fee is required on or before this date.

May 1, Wednesday. Last day for receiving applications of candidates for the degree of M.D. in 1940.

May 15, Wednesday. Last day for receiving applications for Scholarships for 1940-41 (except the Cheever, Greene, Haven, and Mears Scholarships).

May 30, Thursday. Memorial Day: a holiday.

June 20, Thursday. **Commencement.**

SUMMER VACATION, FROM COMMENCEMENT TO SEPTEMBER 22, INCLUSIVE

JUN 1965

WESBY

